

# GFCCELL<sup>®</sup>EXO PN

2025 Jan

GFC Life Science Co.,Ltd

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Damaged skin,  
experience skin regeneration  
that is restored and filled.



LYOPHILIZED EXOSOMES

**GFC CELL™**

# A salmon-derived regenerative booster 'PN(PolyNucleotide)'

PN(Polynucleotide)와 PDRN(PolyDeoxyRiboNucleotide) is DNA fragments extracted from the testis or semen of salmon and processed with biological functions. It is a biological complex. Because of these characteristics, it has a special effect on the regeneration and inflammation of tissues in our body such as ligaments, tendons, and skin.

Compared to PDRN, PN is characterized by a longer DNA length and higher viscosity at the same concentration. It is a biocompatible material that is safe for the human body, such as PDRN, and is used as a biomaterial (healer or filler) for tissue repair due to its high hydrophilicity, which attracts moisture, increases the hydration effect to the skin, and quickly absorbs into the skin to increase the skin volume.

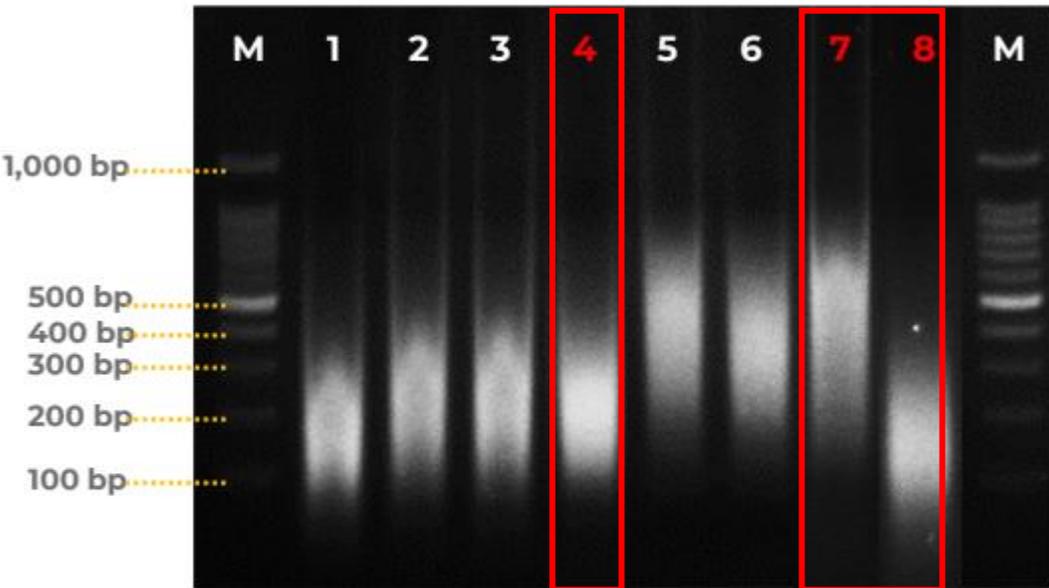
In addition, it has excellent effects on skin care due to skin regeneration, elasticity improvement, whitening, and moisturizing effects, and continues to attract attention as a raw material for functional cosmetics.

*It's the most popular ingredient in the skin booster market in domestic and abroad  
It is the best raw material to restore essential skin health such as skin dermis  
regeneration, wound treatment, dermal thickness and density increase with excellent  
tissue regeneration effect.*

# A salmon-derived regenerative booster 'PN(PolyNucleotide)'

Derbiome<sup>®</sup> PN \_ Use 'PN' raw materials with almost the same segment size as DNA applied to medical devices

## Comparison of competitors



- 1.0% Agarose gel[135V, 0.5hr]
- Sample Conc. : each 1.0mg/ml
- Sample loading : 5ul/lane
- Marker loading : 6ul/lane
- Marker : 500bp ladder

M : DNA ladder

1 : 파\*\*\* 사의 PDRN(리쥬\*\*) - 의약품

2 : 비\*\*\* 사의 PDRN(비\*\*) - 의약품

3 : Ma\*\* 사의 PDRN(Pla\*\*) - 의약품

4 : Derbiome<sup>®</sup> PDRN

5 : 파\*\*\* 사의 PN 제품 (콘\*\*) - 의료기기

6 : 파\*\*\* 사의 PDRN(리\*\*) - 의료기기

7 : Derbiome<sup>®</sup> PN

8 : Derbime<sup>®</sup> L-PDRN(분자량 저감 PDRN)

✓ PDRN and PN are DNA segment sizes ranging from 50bp to 2,500bp, and the sizes of pharmaceuticals and medical devices on the market vary from about 100bp to 700bp.

✓ Derbiome<sup>®</sup> PDRN (No. 4) manufactured by our company has almost the same DNA segment size as famous drugs (No. 1, No. 2, No. 3) on the market, so material equivalence can be confirmed.

✓ Derbiome<sup>®</sup> PN (No. 7) has almost the same DNA segment size as commercially available medical devices (No. 5, No. 6).

✓ In addition, in order to increase the absorption rate in the skin when applied to general cosmetics, a raw material (Derbiom<sup>®</sup> L-PDRN, No. 8) with reduced DNA segment size has also been developed.



Contains Camellia callus,  
pure human-derived exosomes,  
which is extracted with patented  
exosome separation technology

Camellia stem cell derived Exosome 50%  
Human Adipose Stem Cell Conditioned Media 5%

[Exosome isolation technology Patent No. 10-2215237]

[Camellia-derived exosome Patent No. 10-2699700]

## GFCCELL<sup>®</sup>EXO PN COMPLEX

Camellia callus  
exosome

50%

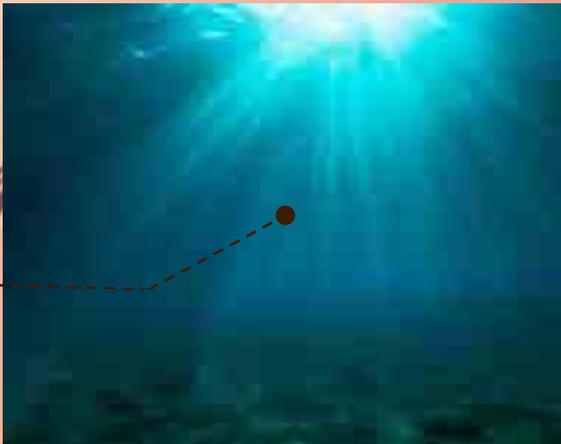


Human Adipose  
Stem Cell Conditioned  
Media

5%



PN  
(Sodium DNA)



AMINO ACID11&  
PEPTIDE8



Skin activation

Cell restoration

Skin  
regeneration

Improve elasticity

It regenerates and activates damaged skin  
and solves skin problems

**GFCCELL®**

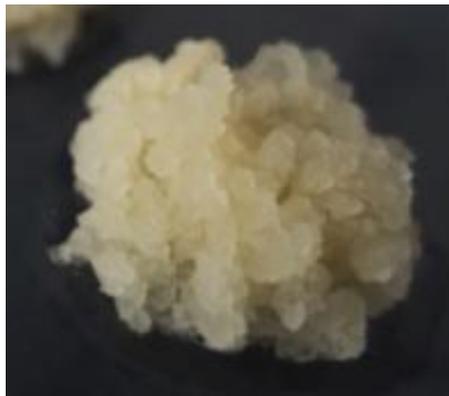
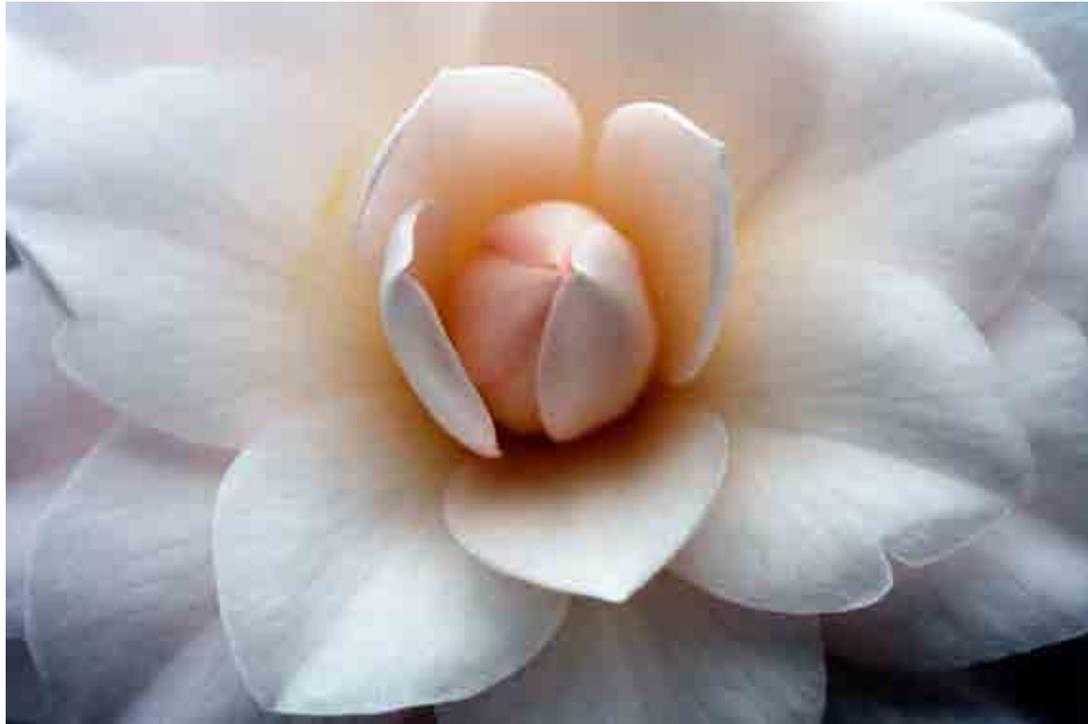
EXO PN COMPLEX

Shiny skin

Anti-  
inflammation

skin moisturizing

# GFCCELL®EXO PN | Key Ingredient ① – Camellia stem cell derived Exosome



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Camellia japonica, the winner of winter

- ◎ The excellent anti-oxidant effect of "polyphenol" prevents skin aging by removing free radicals that promote aging
- ◎ It is rich in "oleic acid" to prevent skin loss and moisturize and soothe skin
- ◎ Tanin helps with skin diseases such as atopy and acne by removing inflammation
- ◎ Catechin helps skin to become more active by converging and calming the tired skin
- ◎ Rich vitamin C prevents melanin pigmentation, improving spots and freckles
- ◎ High purity exosome isolated and purified directly from camellia callus

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## Plant-derived Exosome

- ◎ Physiological function of plant-derived Exosome in apoplast which is a free space formed between cell membranes and cell walls in plant and serve as a movement of nutrient and moisture

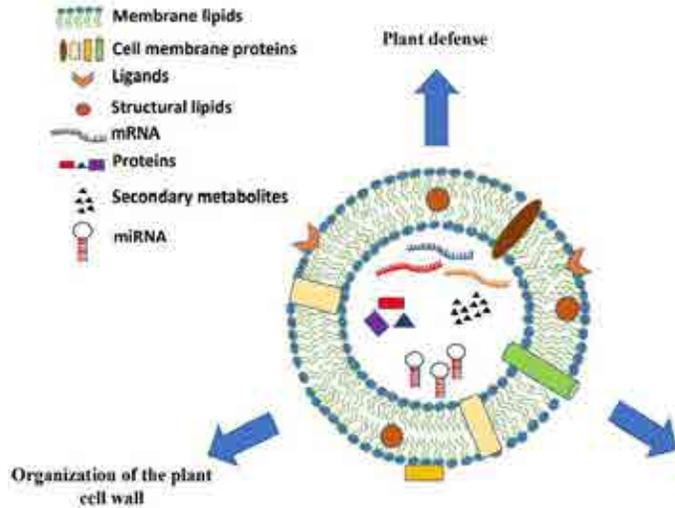
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## Physiological function of plant-derived Exosome

- ◎ Plant Exosome has various functions such as cell proliferation, inflammation control, anti-cancer, anti-oxidant, immune control, tissue regeneration and intestinal symbiotic control
- ◎ In particular, it has the advantage of being able to act as a drug carrier without side-effects, and various studies are currently being conducted

# GFCCELL®EXO PN | Key Ingredient ① – Camellia stem cell derived Exosome

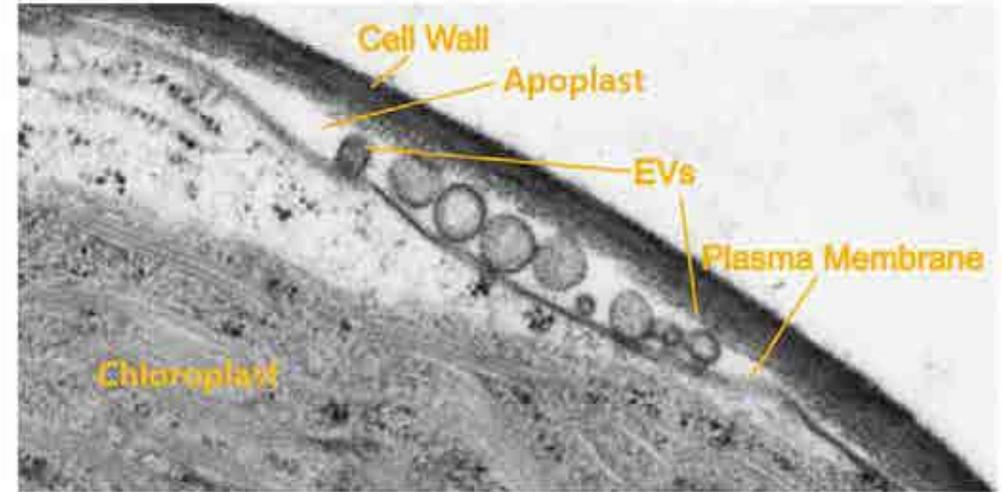
## Plant-derived Exosome components



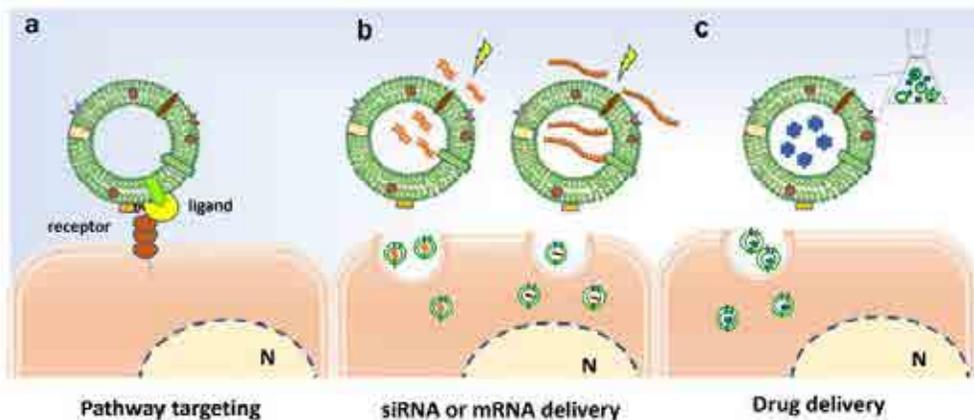
## Plant-derived Exosome

- ⊙ Produced in the multi-vesicular body (MVB) in the cytoplasm and secrete into the apoplast (space between cell membrane and cell wall).
- ⊙ Directly control voltaic situation by binding to the receptor of target cell
- ⊙ Deliver siRNA, RNA of donor cell
- ⊙ Deliver drugs acting as a carrier

## Plant-derived Exosome TEM picture



Ref Linda Palmer, Plant Cells Shed Membrane Bound Bubbles that Are Packed with Tiny RNA Molecules, The plant cell, 2019  
<https://plantae.org/plant-cells-shed-membrane-bound-bubbles-that-are-packed-with-tiny-rna-molecules/>



Ref. Mariaevelina Alfieri, et al., Plant-Derived Nano and Microvesicles for Human Health and Therapeutic Potential in Nanomedicine., *Pharmaceutics* 2021, 13(4), 498.

## Advantage of plant-derived Exosome

1. Capable of crossing cell membranes and having biocompatibility with mammalian cells
2. When responding to normal host cells, it does not induce immune or inflammatory response compared to synthetic nanomaterials. So, it doesn't cause toxicity, immunogenicity or allergy problems
3. It can deliver anti-cancer and anti-oxidant factors to tumor cells(acting as a carriers)
4. It can pass blood-brain barrier(BBB) but can't pass placenta, so it doesn't fetus affect and is applicable to pregnant women (as a carrier, drug delivery is possible)

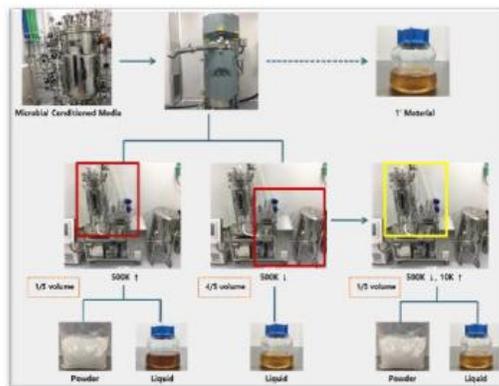
# GFCCELL®EXO PN | Key Ingredient ① – Camellia stem cell derived Exosome

## 01 Building a plant callus Line-Up

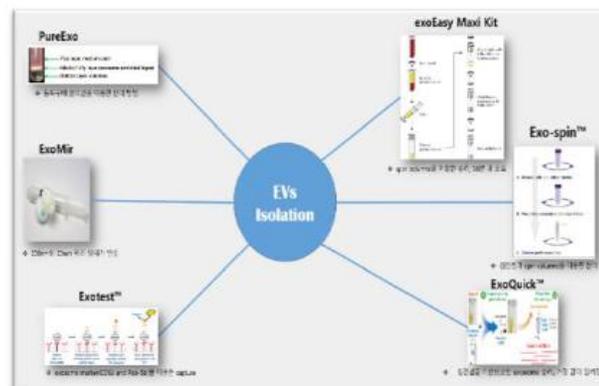


## 02 Proprietary method for production/isolation/inspection of Exosome

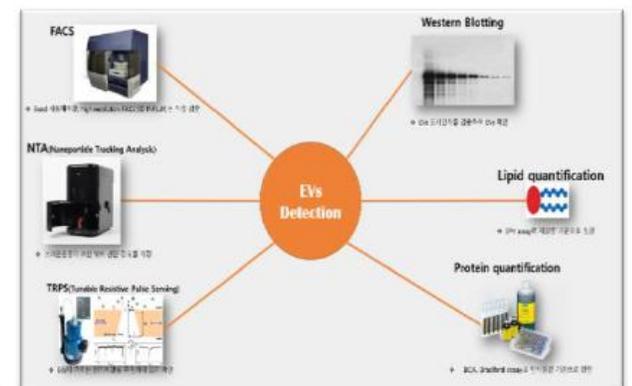
### Production : Maximizing Exosome secretion



### Isolation : High-yield & high-purity Exosome



### Inspection : Introducing the latest equipment



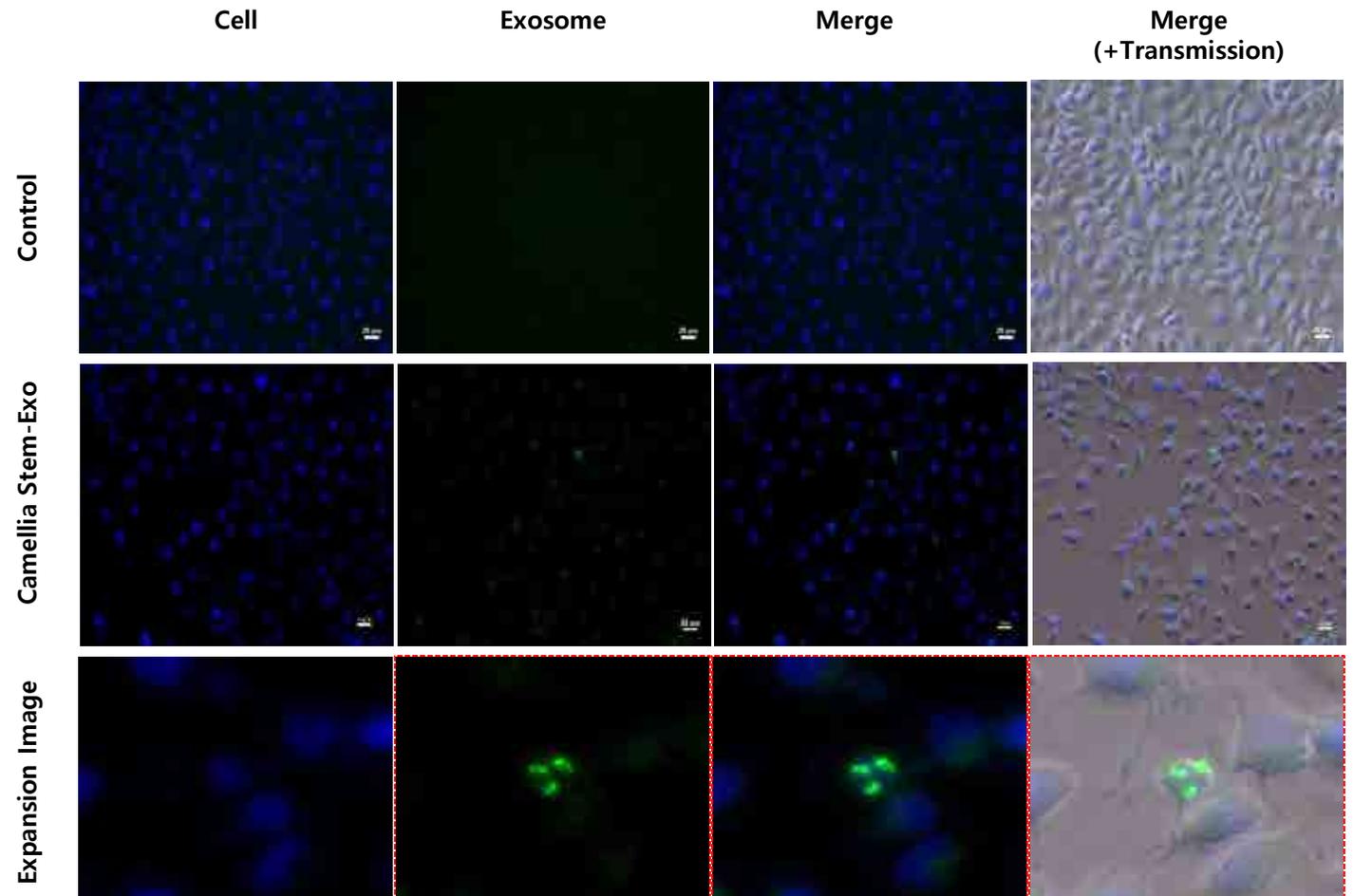
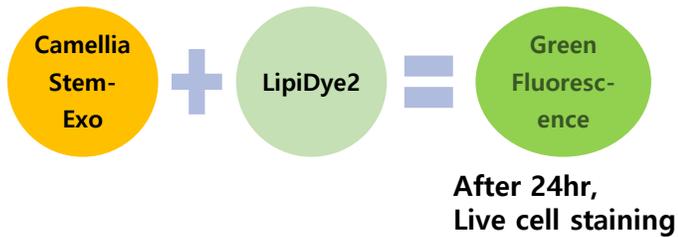
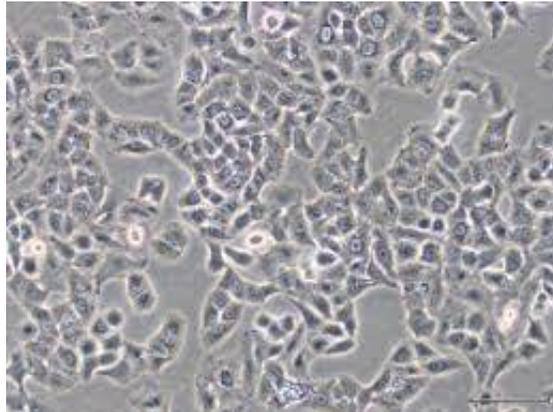
- ◎ Production : Maximize Exosome secretion
- ◎ Isolation : High-yield & high-purity Exosome
- ◎ Inspection : Introducing the latest equipment

Development and production of all Exosome materials in GFC Life Science : Aseptic factory (class 10,000)

# GFCCELL®EXO PN | Key Ingredient ① – Camellia stem cell derived Exosome

## Exosome uptake analysis

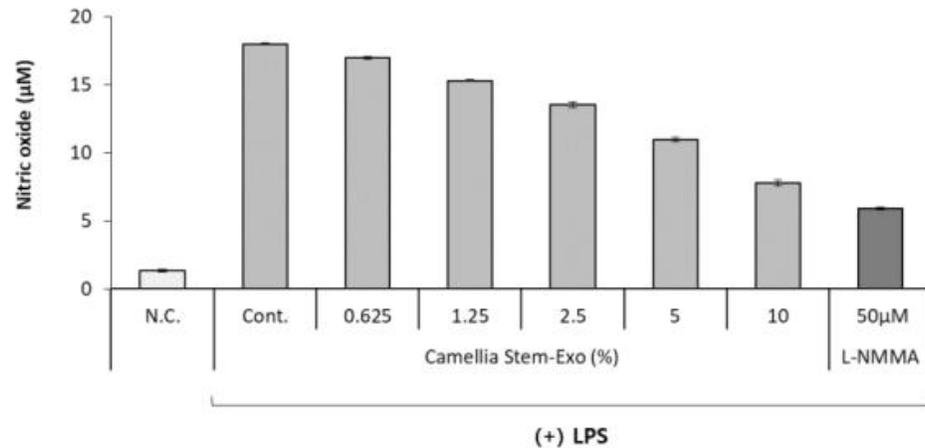
➤ Camellia Stem-Exo can quickly penetrate skin cells and have brightening & anti-inflammatory effects



➤ The merge images show Exosome(green) rapidly penetrate the cell(blue)

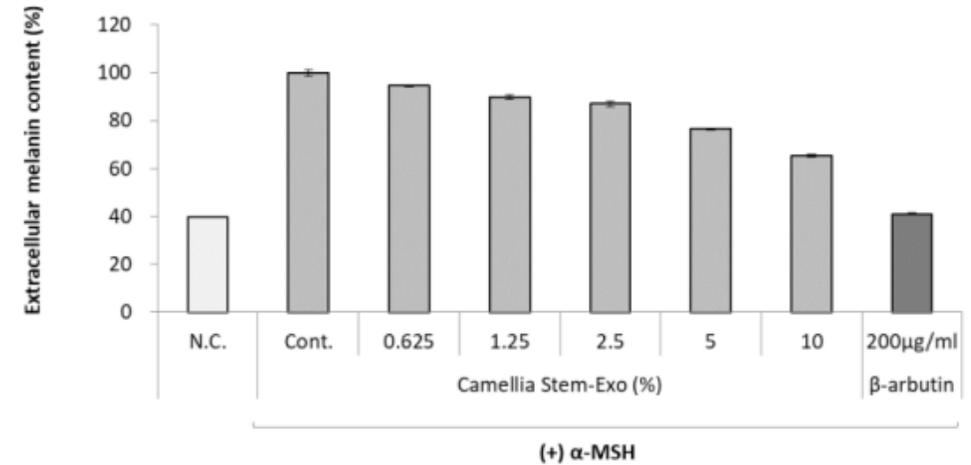
# GFCCELL®EXO PN | Key Ingredient ① – Camellia stem cell derived Exosome

## Efficacy of anti-inflammatory – Inhibition of NO production test



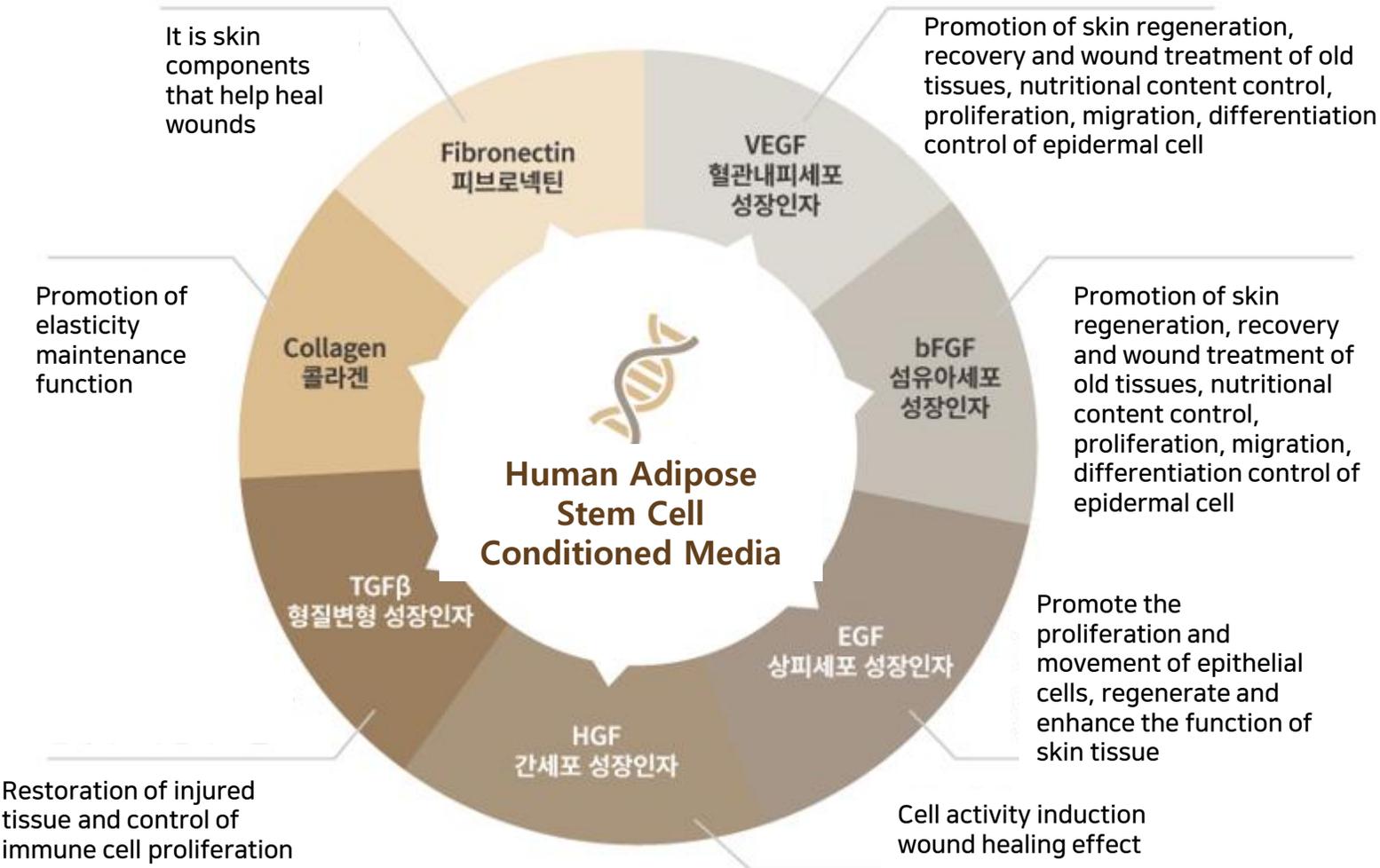
- ⇒ 56.73% reduction in nitric oxide, an inflammatory factor
- ⇒ Expected to have anti-inflammatory effect

## Efficacy of brightening – Extracellular Melanin Production



- ⇒ 34.6% reduction in Extracellular melanin production
- ⇒ Expected to have whitening effect

# GFCCELL®EXO PN | Key Ingredient ② – Human Adipose Stem Cell Conditioned Media



Contains around 250 growth factors  
(Promotes cell division or growth and differentiation)

- ◎ HGF Hepatocellular Growth Factor : Efficacy of cell activity induction and surgical wound treatment
- ◎ VEGF Vascular Endothelial cell Growth Factor : Cell proliferation and angiogenesis promotion
- ◎ α-EGF Epithelial cell Growth Factor : Promotes epithelial cell proliferation and promotes the production of collagen, hyaluronic acid and SOD in fibroblasts
- ◎ β-FGF Fibroblast Growth Factor : Skin dermal regeneration factor which is effective in wound treatment
- ◎ EGF Epidermal cell Growth Factor : Promotes cell turnover by expressing epidermal cell growth signals
- ◎ KGF Keratinocyte Growth Factor : Promoting the growth of keratinocytes
- ◎ IGF-1 Insulin-like Growth Factor : Contains Exosome of regeneration and tissue growth promotion
- ◎ Exosome only exist 0.1% ratio in stem cell conditioned media
- ◎ Exosome is nano vesicles of 50~200nm size, containing various genetic information substance in cells

# GFCCELL®EXO PN | Key Ingredient ② – Human Adipose Stem Cell Conditioned Media

01

Acquiring adipose tissue and securing adipose stem cell (signing a joint research agreement with Lee Young Clinic)

Securing adipose tissue



Securing adipose stem cell



Securing adipose stem cell conditioned media



02

Confirmation of donor eligibility

Confirmation of donor eligibility



Confirmation of innate or chronic disease examine



Confirmation of infectious spongiform encephalopathy examine



Agreement for the use of adipose tissue



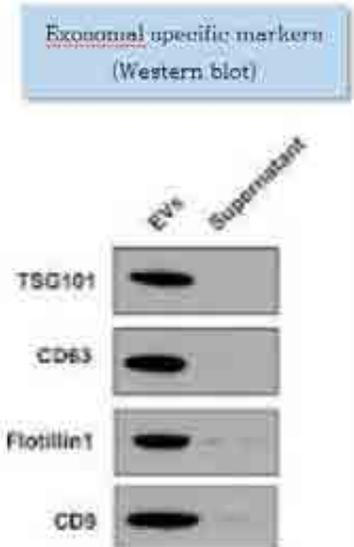
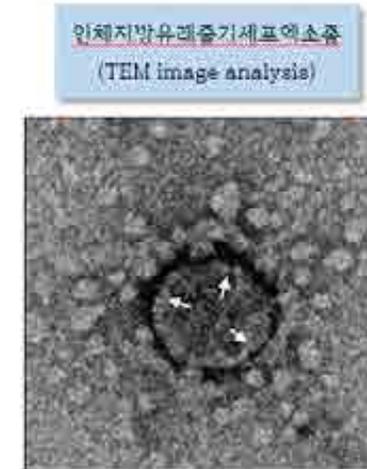
03

Exosome detection

© NTA (Nanoparticle Tracking Analysis) 분석에 의한 입자들의 브라운 운동으로 확인 [입자 수 (Particle/mL), 입자 크기]

© TEM image analysis (Transmission electron microscopy)

© Exosomal specific markers (CD9, CD63, CD81(Tetraspanin), TSG101, Flotillin1, Alix etc.)



# GFCCELL®EXO PN | Key Ingredient ② – Human Adipose Stem Cell Conditioned Media

## 04 Safety Evaluation of Cosmetic Ingredients

**인체지방줄기세포 유래 엑소좀 혼합액의 화장품 원료 안전성평가**  
**<안전성평가위원회>**

회의 일자	회의 장소		화지아프씨생명과학
회의 내용	인체지방줄기세포 유래 엑소좀 혼합액의 화장품 원료 안전성 평가		
평가 위원	성명	박철병 (인체) / 연복희 (043-210-7781)	
	소속	화지아프씨생명과학	cheolbeom.park@biotortech.com
	직종/학위	박사	정종수 의학
식품의약품안전처 화장품 안전기준 등에 관한 규정 제55호 (안내서-0085-03) 중 별표 3			
No.	위약제 안전성 평가 고시 내용	화지아프씨생명과학 안전성평가시험항목 (장부자료)	결과
1	단회투여독성시험	랫도를 이용한 단회 경피투여독성시험	정종수
2	반복투여독성시험	랫도를 이용한 13주간 반복 경피투여독성시험	정종수
3	1차 피부자극시험	인체피부모형을 이용한 피부자극시험	정종수
4	압밀각각막시험	인체각각막사 상피모형을 이용한 인자극시험	정종수
5	피부감작성시험	CBA/3 마우스를 이용한 피부감작성시험 (LJNA,Grde-ELISA법)	정종수
6	광독성 및 공감작성시험	in vitro 3T3 NRU 공독성시험	정종수
		기니피크를 이용한 피부 공감작성시험	정종수
7	윤전독성시험	새굴을 이용한 윤기물연면이시험	정종수
		Chinese Hamster Lung(CHL)세포를 이용한 염색체이상시험	정종수
		랫도를 이용한 소핵시험 또는 마우스를 이용한 소핵시험	정종수
8	연체실험시험	연체 피부 자극 시험	정종수
9	세포 연체 세포조직배양액의 구성성분 자료	배양액원료시험성적서	성적서 참조

식품의약품안전처 안전성 평가 고시에 의거, 시험 원료 "인체지방줄기세포 유래 엑소좀 혼합액"의 화장품 원료에 대한 안전성 평가 결과, 최종적으로 "위약"임을 확인하였으며, 추가 안전성 시험 자료 (발작성 시험 자료 등) 등이 시험에 걸리지 않는 것으로 사료됨

2021 년 월 일  
안전성 평가 위원 박철병 (인체)

SOP-QA-4100  화지아프씨생명과학

## 05 Anti-aging Efficacy Evaluation Test Completed(KDRI-IRB-20879)

### 인체적용시험 보고서

2020년 12월 28일

대한피부과학연구소

Assessment of Anti-aging Effect

#### 인체적용시험 결과 요약서

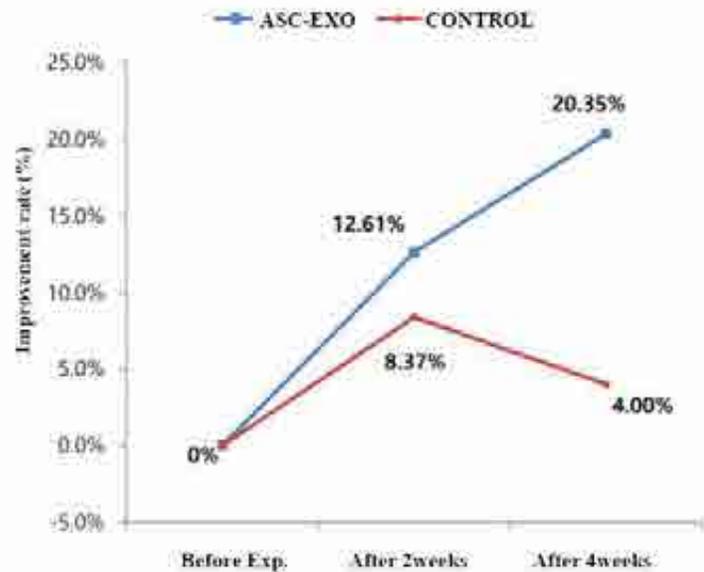
시험 제목	각제화장품연구회 "ASC-Exo (1차) & Skin solvent (2차)" 창설회 표층 골기 시험		
시험 기관	대한피부과학연구소	연구 기간	2020. 11. 24 ~ 2020. 12. 28
시험 형태	블라인드 고제 (control) & 투여한 약제	시험 기간	2020. 11. 30 ~ 2020. 12. 07

As a result of testing 13 subjects during a total of four weeks of testing, The test site using the GFC Life Sciences "ASC-Exo (Phase 1) & Skin Solvent (Phase 2)" sample was found to have an effect of improving eye wrinkles, skin moisturizing, elasticity, pigmentation and density (anti-aging effect) compared to before the test, and the comparison with the control site using the control sample also showed a statistically significant difference (p < 0.05) between the groups. Therefore, when judged comprehensively, it is judged that the test sample can help skin anti-aging.

본 연구는 "적극성" 및 "양성적"에 관한 내용을 하지 아니할 목적으로, 다른 정보로 제공될 수 있으며, 본 연구에 관련된 모든 자료는 본 연구에 사용된 후 폐기될 수 있습니다.

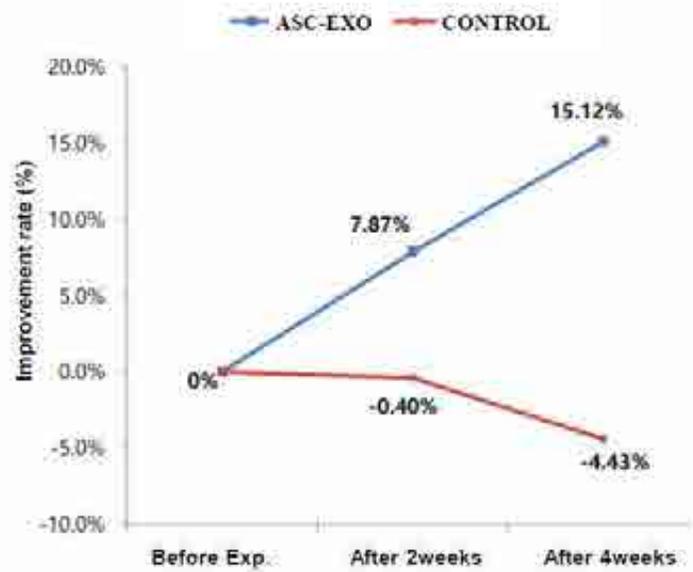
# GFCCELL®EXO PN | Key Ingredient ② – Human Adipose Stem Cell Conditioned Media

Increased skin moisture content



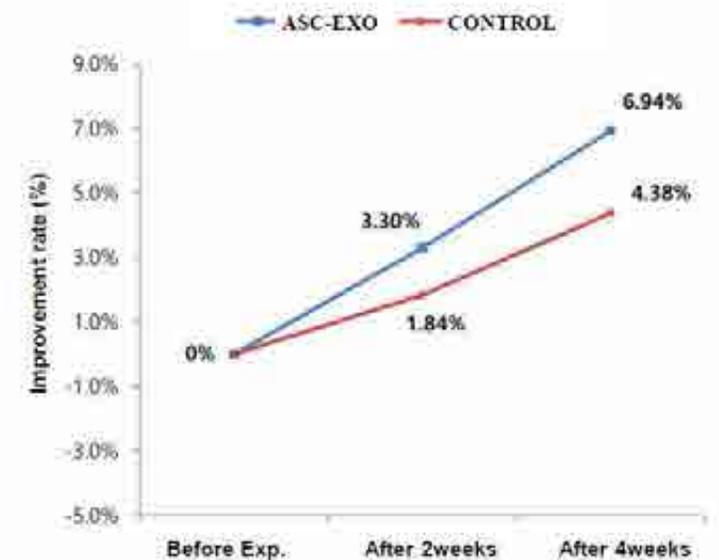
As a result of applying the skin for four weeks, it was confirmed that the skin moisture content increased by 20.35%.

Increased skin elasticity



As a result of applying the skin for four weeks, it was confirmed that the skin elasticity increased by 15.12%.

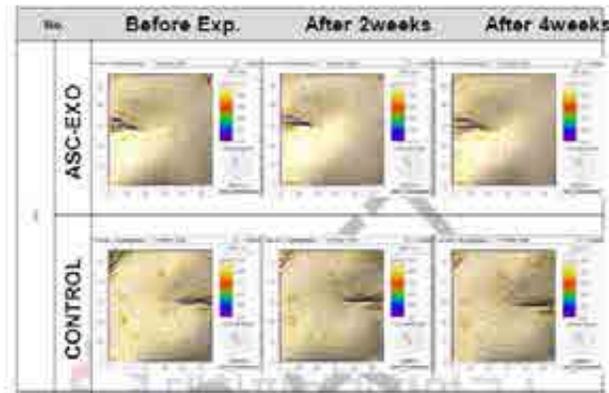
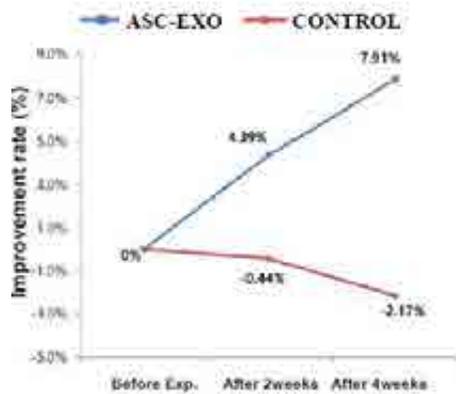
skin whitening effect



As a result of skin application for 4 weeks, the skin whitening effect was confirmed by suppressing melanin content (6.94%).

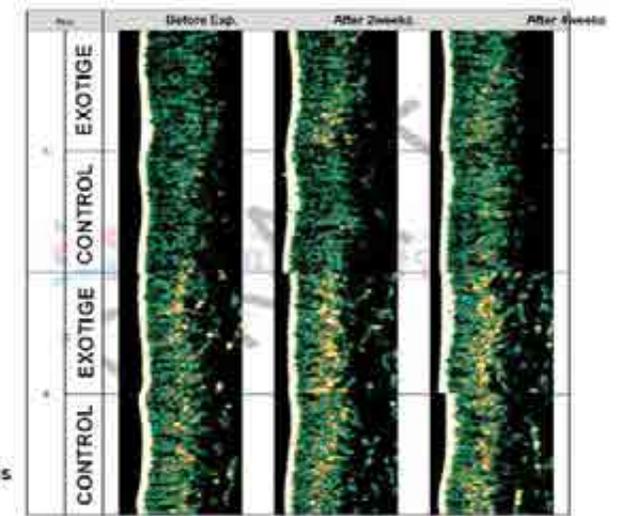
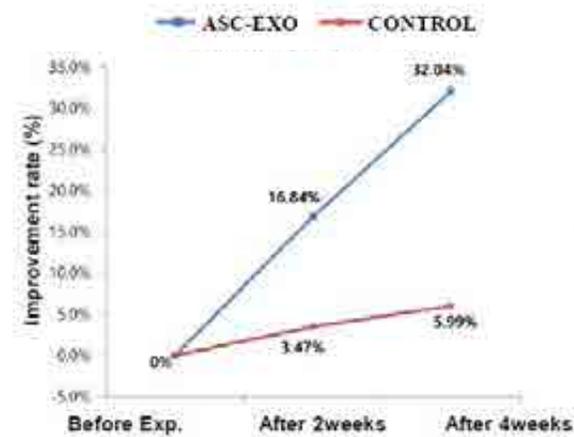
# GFCCELL®EXO PN | Key Ingredient ② – Human Adipose Stem Cell Conditioned Media

wrinkle improvement



As a result of applying the skin for four weeks, it was confirmed that **the depth of wrinkles decreased by 7.91%**.

Improve skin density



After four weeks of skin application, it was confirmed that **the skin density increased by 32.04%**.



## Amino acid

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- Ⓞ Amino acids are essential substances for all living organisms, from microorganism to humans
- Ⓞ Our body needs 20 different amino acids to function correctly
- Ⓞ Amino acids are the building blocks of proteins and combine with nitrogen to produce thousands of different proteins.
- Ⓞ Out of the 20 amino acids that make up proteins, 9 are the essential amino acids, and the others are non-essential amino acids
- Ⓞ **Essential amino acid** : Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Threonine, Tryptophan, Valine
- Ⓞ **Non-essential amino acid** : Alanine, Arginine, Asparagine, Aspartic acid, Cysteine, Glutamic acid, Glutamine, Glycine, Proline, Serine, Tyrosine

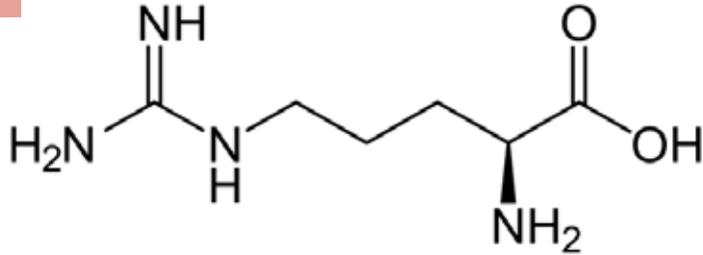
## The role of amino acids in the human body

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- Ⓞ Amino acids not only make up our bodies, they also control most of our body's vital functions.  
→ Collagen, Keratin, Hemoglobin, etc.
- Ⓞ Amino acids also become enzymes and hormones that regulate and maintain our bodies  
→ thyroid, insulin, adrenaline, etc.
- Ⓞ Another important function of amino acids is to provide energy to the body
- Ⓞ Typically, a healthy body uses carbohydrates as its primary fuel source during an average diet, but can use protein and amino acids as a last resort when the primary source is depleted due to intense exercise.

# GFCCELL®EXO PN | Key Ingredient ③ – Amino 11

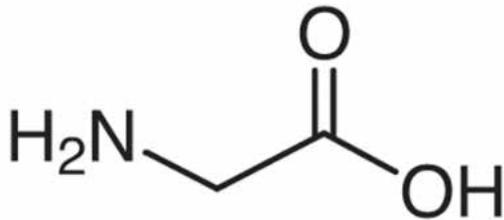
01



## Arginine

- ⦿ Natural amino acids
- ⦿ Among amino acids, protein components that can be synthesized in the body
- ⦿ It is said to cause little irritation to the skin due to its natural moisturizing factor (NMF), which has the effect of fixing moisture, preventing skin from drying out, and helping to keep it moist.

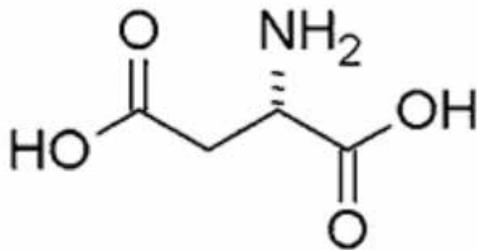
02



## Glycine

- ⦿ Amino acids that play an essential role in the overall health of the body
- ⦿ Considered a non-essential amino acid because the body can synthesize it from other substances
- ⦿ Glycine, which helps produce collagen, which is essential for skin health, helps reduce the appearance of wrinkles and improve the overall health of the skin.

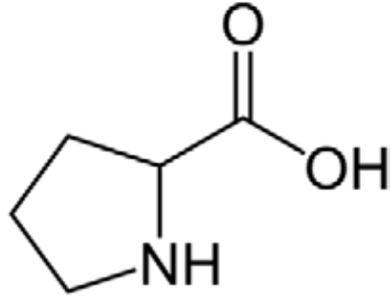
03



## Aspartic Acid

- ⦿ The carboxyl group attached to the  $\beta$ -position of aspartic acid is amidated, an amino acid that composes proteins.
- ⦿ Although it is a non-essential amino acid, it is an important amino acid involved in metabolic processes of both the TCA cycle and the ornithine cycle.
- ⦿ It is included in many proteins and, like glutamine, plays a central role in transamination reactions in the body, providing a conditioning effect on the skin and helping maintain elastic skin.

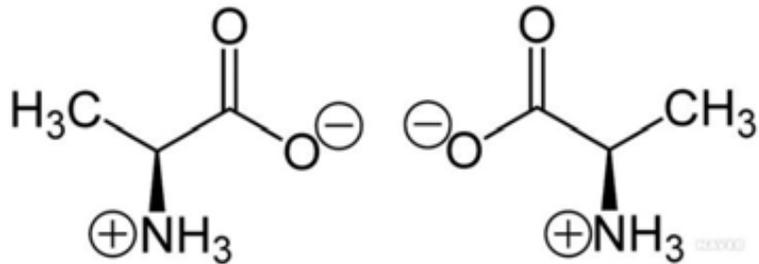
04



## Proline

- ⦿ Aliphatic amino acids that make up proteins
- ⦿ It is mainly contained in gelatin, collagen, and protein, and together with hydroproline, it constitutes the majority of collagen.
- ⦿ It acts as a conditioning agent for the skin and hair, helping to keep them healthy and healthy, and helps to make the skin shiny and elastic.

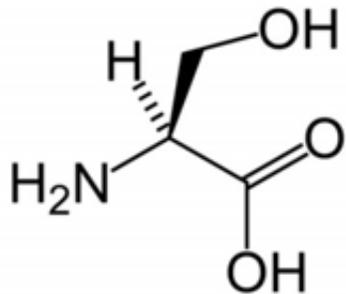
05



## Alanine

- ⦿ It is a non-essential amino acid and has the most basic form after glycine.
- ⦿ There is  $\alpha$ -alanine and  $\beta$ -alanine, and the commonly known alanine is  $\alpha$ -alanine, which is a component of protein.
- ⦿ Alanine, which exists in the stratum corneum of the skin, together with other amino acids, accounts for approximately 40% of the natural moisturizing ingredient NMF.

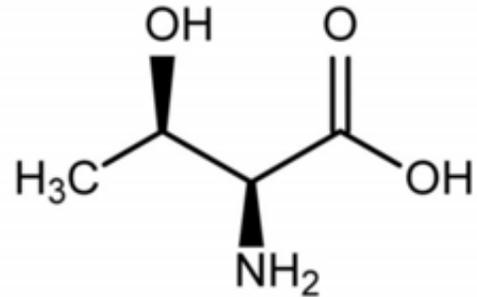
06



## Serine

- ⦿ Non-essential amino acids produced in the body that make up proteins
- ⦿ Can be synthesized from other metabolites such as glycine in the body, and is used for biosynthesis of cysteine, purine, pyrimidine, etc.
- ⦿ It is a material of phosphatidylserine, a phospholipid that makes up cell membranes, and indirectly participates in the formation of cell membranes, helping to maintain skin moisture.

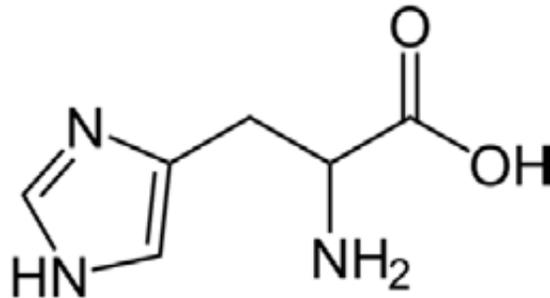
07



## Threonine

- ⊙ An essential amino acid is a type of amino acid that makes up proteins.
- ⊙ It came to be called threonine due to its relationship with D-threose.
- ⊙ The main ingredient that makes up collagen moisturizes the skin, prevents dryness, and makes the skin firmer. It also plays a conditioning role and helps care for vibrant skin and vibrant hair.

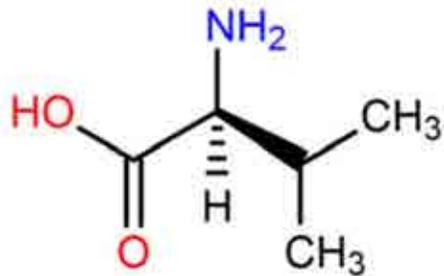
08



## Histidine

- ⊙ These are called essential amino acids for children and non-essential amino acids and conditional amino acids for adults.
- ⊙ A component of hemoglobin that exists around iron ions in hemoglobin and allows our bodies to distinguish between oxygen and carbon monoxide.
- ⊙ It can prevent or improve anemia by participating in the formation of red blood cells, and has the ability to block ultraviolet rays and prevent age spots and wrinkles.

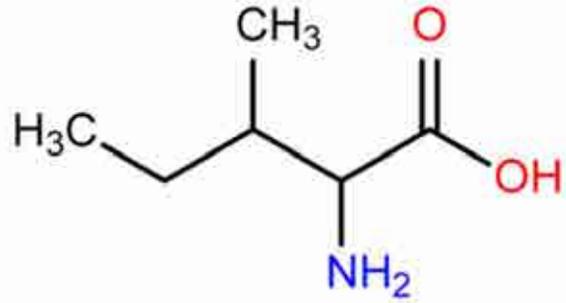
09



## Valine

- ⊙ Essential amino acids that are effective for strengthening muscles.
- ⊙ Promotes the growth of the body and adjusts the balance of nitrogen in the blood. Together with leucine and isoleucine, they are called BCAAs.
- ⊙ It connects collagen, which maintains skin firmness, is supported from within the skin, forms elastin, and has the effect of maintaining skin firmness.

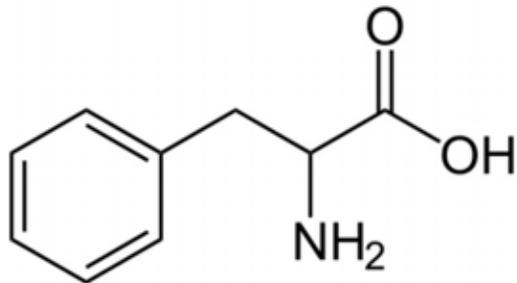
10



### Isoleucine

- ⊙ An isomer of leucine, one of the essential amino acids
- ⊙ Involved in the citric acid cycle, a reaction that converts sugar into energy, and also used as a component of fibrin, oxytocin, etc.
- ⊙ Protein ingredients help to remove hair and improve hair health. Symptoms of dermatitis due to isoleucine deficiency may occur.

11

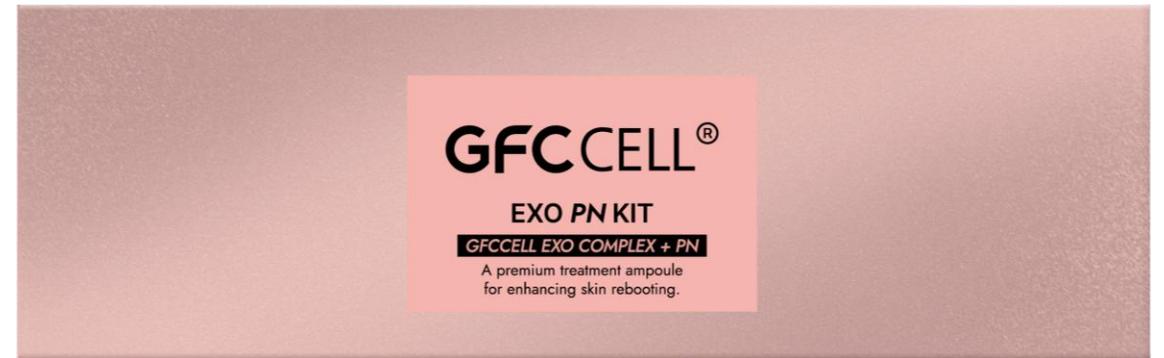


### Phenylalanine

- ⊙ It is a type of essential amino acid and a precursor of various secondary metabolites, and is the main ingredient in aspartame, a sweetener.
- ⊙ Exists in two forms or arrangements: L-phenylalanine and D-phenylalanine. The L type is found in plants and is used by the body to produce proteins. Form D can be synthesized for specific medical uses.
- ⊙ Helpful for skin regeneration and firmness, inhibits melanin transmission, and limits pigmentation, increasing whitening function. It is also effective in reducing vitiligo.

# GFCCELL<sup>®</sup>EXO PN KIT

A premium treatment ampoule kit with GFCCELL<sup>®</sup>Exo Complex and powerful regenerative booster PN ingredient that regenerate and activate the skin to solve skin problems.



# GFCCELL®EXO PN POWDER

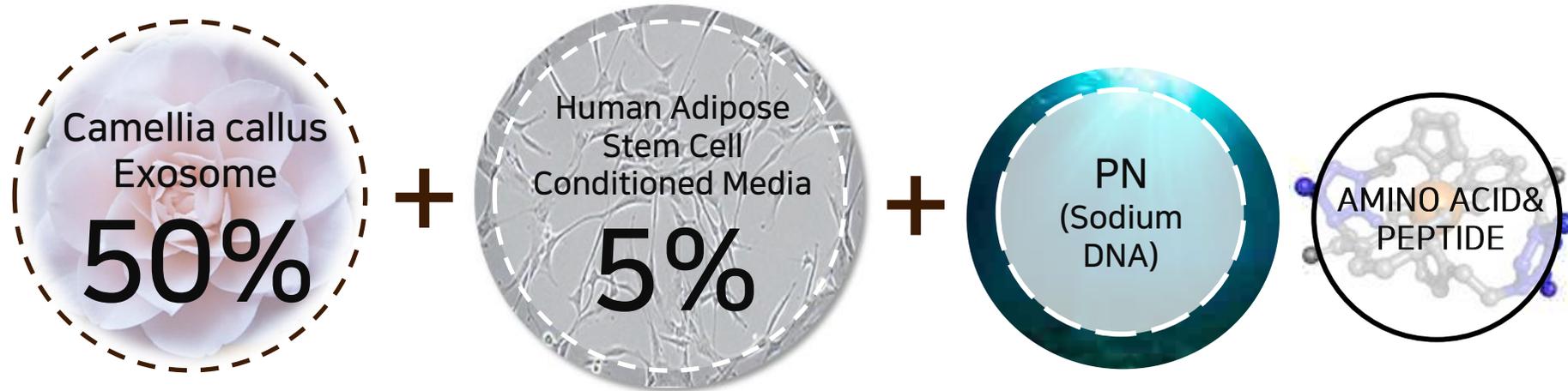
“Freeze dried solution containing GFCCELL®EXO complex and PN”

## GFCCELL™ EXO PN POWDER

[1<sup>st</sup> agent | Freeze dried  
exosome powder]



170mg x 5vials



- Camellia callus Exosome : Skin anti-inflammatory effect by inhibiting nitric oxide
- Human Adipose Stem Cell Conditioned Media : Strong skin improvement effect by containing around 250 growth factors
- PN(Sodium DNA) : Key ingredients derived from salmon with skin regeneration effect
- Amino acids 11 : Moisturizing, elasticity, whitening, etc
- Peptides 8 : Anti-aging, wrinkles, and whitening effects
- [INGRHIJENTS] Camellia Japonica Callus Extracellular Vesicles, Water, Human Adipose Stromal Cell Conditioned Media, Mannitol, Glutathione, Niacinamide, Tranexamic Acid, Arginine, Adenosine, Sodium DNA, Collagen, Sodium PCA, Sodium Lactate, Butylene Glycol, Glycerin, Aspartic Acid, PCA, Glycine, Alanine, Serine, Valine, Proline, Threonine, Isoleucine, Histidine, Phenylalanine, Caprylyl Glycol, 1,2-Hexanediol, Copper Tripeptide-1, Tripeptide-1, Acetyl Hexapeptide-8, Hexapeptide-9, Palmitoyl Pentapeptide-4, Palmitoyl Tetrapeptide-7, Palmitoyl Tripeptide-1, Nonapeptide-1

# GFCCELL®EXO PN SOLUTION

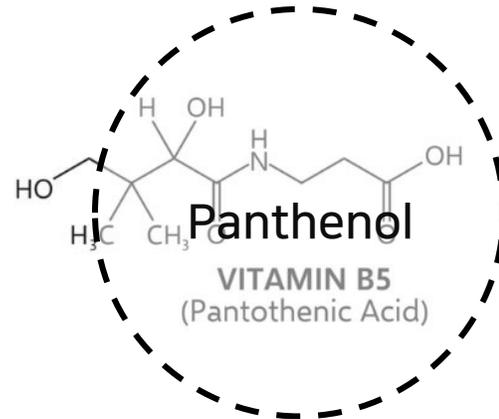
“A liquid solution that meet exosome powder to amplify the absorption and effect of active ingredients”

## GFCCELL® EXO PN SOLUTION

[2<sup>ND</sup> agent | Liquid solution]



5.5ml x 5vials



- Protection from skin irritation with panthenol, which is excellent for soothing skin
- Prevents moisture evaporation with highly moisturizing hyaluronic acid that attracts, absorbs and stores surrounding moisture
- [INGRHJIENTS] Water, Panthenol, Sodium Chloride, Sodium Hyaluronate, Arginine



Most skin friendly and efficient biological skin booster  
Improving skin as if it was healthy skin from the beginning

## GFCCELL<sup>®</sup>EXO PN KIT

A skin regeneration solution that solves the essence of skin concerns by adding the regeneration effect of PN to the GFCCELL<sup>®</sup>EXO Complex

### Enhancement

Enhancing strength of skin to restore aging in the skin

### Turnover

Normalize skin turnover by improving skin environment

### Self-sustainability

Enhancing skin's natural self-sustainability

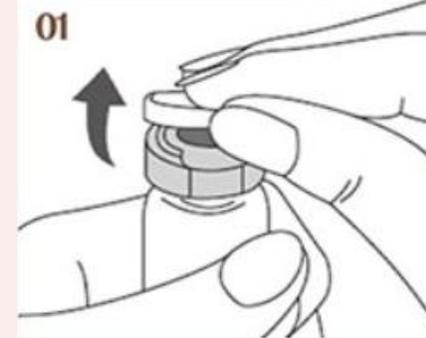
Freeze dried powder[1<sup>st</sup> agent] containing high content and high efficacy of factors from Camellia Callus Exosome, Human Adipose Stem Cell Conditioned Media, PN, Amino acid

+

Activating solution[2<sup>nd</sup> agent] that maximizes the effect of [1<sup>st</sup> agent] and gives skin a moisturizing effect



Maximize skin booster function



① Remove the transparent cap of the 1<sup>st</sup> agent powder container by lifting it in the direction of the arrow.



② Grasp the aluminum cap handle and pull it down, then turn it to the side and open.



③ Remove the cap and rubber of 2<sup>nd</sup> agent solution same as 1<sup>st</sup> agent then mix with 1<sup>st</sup> agent powder.

## How to use

- Mix the 2<sup>nd</sup> agent liquid solution in the 1<sup>st</sup> freeze dried powder
- After completely dissolving the 1<sup>st</sup> agent freeze dried powder, leave it still for up to 3~5 minutes to remove air bubbles before using it
- Use mixture dissolved freeze dried powder within a maximum of 3 hours to ensure the stability of product

## Subject of advice

- GFCCELL<sup>®</sup>EXO VITAL is recommended to be used at least 3 times, on average 5 times
- GFCCELL<sup>®</sup>EXO VITAL 1 set which is a mixture of 1<sup>st</sup> agent and 2<sup>nd</sup> agent is used once per person
- It is a product formulated with exosomes with its special technology and can be stored at room temperature.



Room temperature storage



## GFCCELL<sup>®</sup>EXO PN KIT

Capacity and configuration : (170mg + 5.5ml) \* 5 sets =  
1 box

[1<sup>st</sup> agent] 170mg + [2<sup>nd</sup> agent] 5.5ml = 1set (a dose of medicine)  
total 5 doses configuration

### Recommend this type of skin!

- Those who wants to regenerate and recover from the damaged skin
- Those who is worried about signs of aging, such as decreased skin elasticity and fine wrinkles
- Those who wants to effectively care for complex skin problems
- Skin that is suffering from skin damage due to skin aging and ultraviolet rays
- Skin that needs oil and moisture balance care from the inside of the skin

### No recommend this type of skin!

- Those who has healthy skin with good skin regeneration
- Those who has low skin elasticity and no concerns about pores
- Those who want immediate skin regeneration effect

**THANK YOU!**