PROFESSIONAL 2-STEP EXOSOME SKIN BOOSTER

CERES FILL®

EXO DERMA SOLUTION

Human cord blood progenitor cell
immune exosome, freshly activated
Lyophilized 90 mg + Activator 5 mL

Design your Beauty with CERES

Manufactured by CHEUN BIOTECH · Distributed by MY Korea Trade Co., Ltd.



PRODUCT OVERVIEW

Fresh exosome care in two steps

CERESFILL® EXO Derma Solution keeps the exosome and peptides dry in vial 1 and the brightening activator in vial 2. The two are combined just before opening, so the exosome stays fresh and active.



Cord blood exosome

15,000 ppm

Human cord blood progenitor cell conditioned media extract in vial 1

Average particle size

98.5 nm

High-purity immune exosome, measured by NTA (NanoSight NS300)

Two-vial set

90 mg + 5 mL

Lyophilized EXO powder with a 5 mL brightening activator

Per box

5 sets

One set per single box, five single boxes per carton

CERESFILL®

Immune exosome from cord blood

Most exosome boosters use MSC, adipose or plant sources. CERESFILL® EXO uses immune exosomes from our own human cord blood progenitor cell line (DLC), purified in-house.

01

Progenitor cell culture

Own human cord blood progenitor cell line (DLC)

02

Purification

TFF removes cell by-products such as IL-8, EGF, PDGF, TGF-β, TNF-α and MCP-1

03

Sterile filtration

Filter sterilization of the purified exosome

04

Quality control

Concentration, size, purity, virus and microbial tests

05

Key raw material

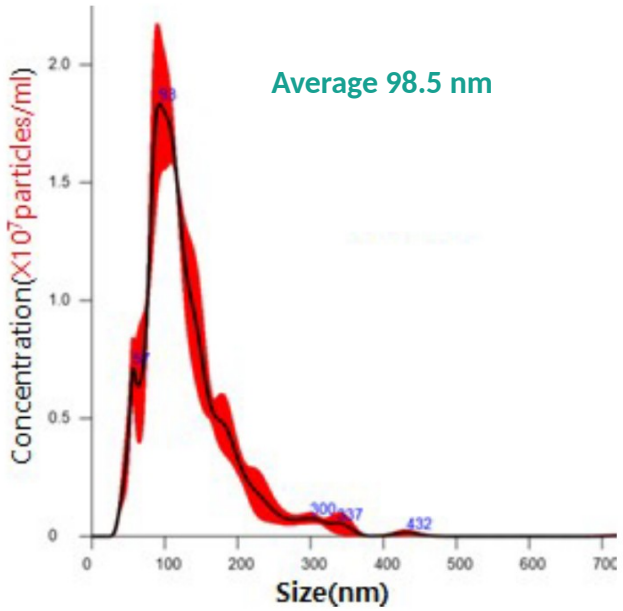
High-purity immune exosome for the formula

Process of the exosome raw material, CHEUN BIOTECH R&D Center.

QUALITY YOU CAN SEE

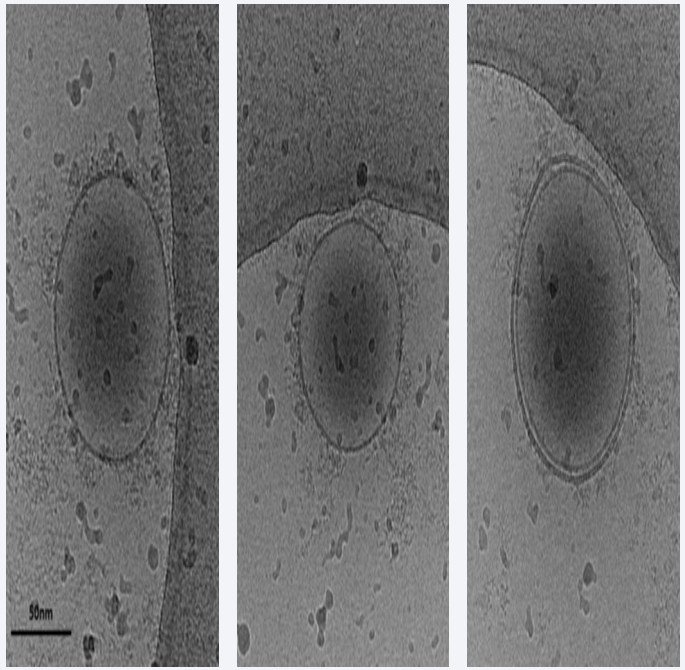
Measured size, confirmed structure

Particle size (NTA)



30–150 nm range per the MFDS extracellular vesicle guideline. Malvern NanoSight NS300.

Cryo-EM: lipid bilayer



Spherical vesicles with a double lipid membrane, imaged by cryo-electron tomography (KBSI).

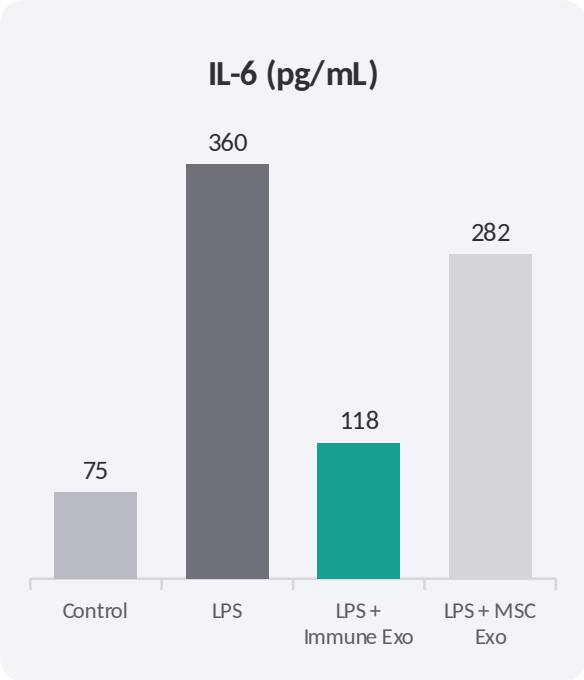
400+ proteins

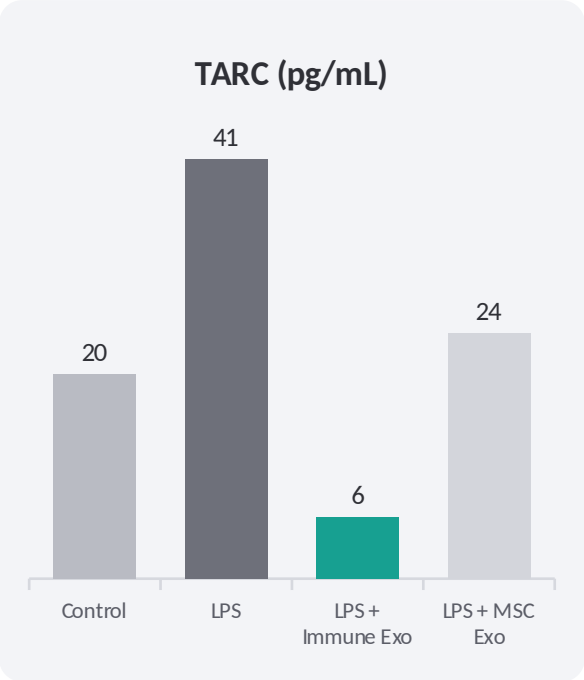
- Collagen type I
- Collagen type VI (α1, α2, α3)
- Retinol-binding protein 4 (RBP4)
- Peroxiredoxin-6 (PRX-6, antioxidant protein)

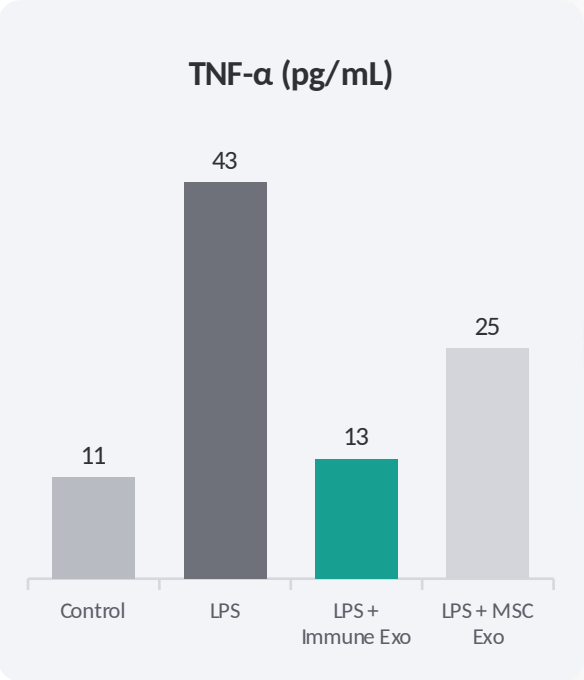
IN-VITRO STUDY · RAW MATERIAL

Skin-cell stress marker test

Human skin cells were stressed with LPS, then treated with our immune exosome or an MSC-derived exosome. Lower values mean fewer stress markers.







4×

Higher uptake into human skin cells than MSC exosome

In-house in-vitro test of the exosome raw material, CHEUN BIOTECH R&D. Values read from the study charts. Not a test of the finished product.

TWO-STEP FORMULA

What is inside each vial

CERESFILL®

1st — LYOPHILIZED EXO DERMA

90 mg

Cord blood exosome extract
15,000 ppm immune exosome source

Sodium hyaluronate
High-molecular HA for moisture

sh-Oligopeptide-1 · sh-Polypeptide-1
EGF- and bFGF-like peptides

Methionine
Amino acid

Mannitol · Trehalose
Protect the exosome during freeze-drying



2nd — ACTIVATOR

5 mL

Niacinamide
Brightening care

Tranexamic acid
Even-tone care

Glutathione
Antioxidant care

Adenosine
Elasticity care

Sodium hyaluronate · Riboflavin
Hydration; vitamin B2 gives the natural yellow color

CERESFILL®

What sets it apart

	Typical exosome ampoule	CERESFILL® EXO
Exosome source	MSC, adipose or plant cells	**Human cord blood progenitor cell (immune exosome)**
Form	Pre-mixed liquid	**Lyophilized powder for freshness**
Second vial	Plain diluent	**Functional activator: niacinamide, tranexamic acid, glutathione, adenosine**
Exosome data	Often not disclosed	**NTA size and Cryo-EM structure verified**
Manufacturing	Contract production	**Own R&D and cleanroom, ISO 22716 · ISO 13485**



CERESFILL®

Product details

Product name	CERESFILL® EXO Derma Solution
Category	Cosmetic (Korea)
Capacity	Vial 1: Lyophilized Exo Derma 90 mg + Vial 2: Activator 5 mL
Packing	1 set per single box · 5 single boxes per carton
Box size	Single 77 × 43 × 55 mm · Carton 253.5 × 87 × 54 mm
Batch & expiry	Marked separately on the package
Origin	Made in Korea



Full ingredients and safe use

Vial 1 · Lyophilized Exo Derma

1,2-Hexanediol, Human Cord Blood Progenitor Cell Conditioned Media Extract (15,000 ppm), Methionine, Sodium Hyaluronate, sh-Oligopeptide-1, sh-Polypeptide-1, Mannitol, Trehalose

Vial 2 · Activator

Water, Sodium Chloride, Sodium Phosphate Dibasic Anhydrate, Sodium Phosphate Monobasic Dihydrate, Riboflavin, Sodium Hyaluronate, Niacinamide, Tranexamic Acid, Glutathione, Adenosine

Precautions

- If redness, swelling, itching or other irritation appears during or after use, or after sun exposure, consult a specialist.
- Do not use on wounds or damaged skin.
- Keep out of reach of children.
- Store away from direct sunlight.

CONTACT

Partner with CERESFILL®

OEM / ODM and distribution inquiries are welcome.

Manufacturer

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