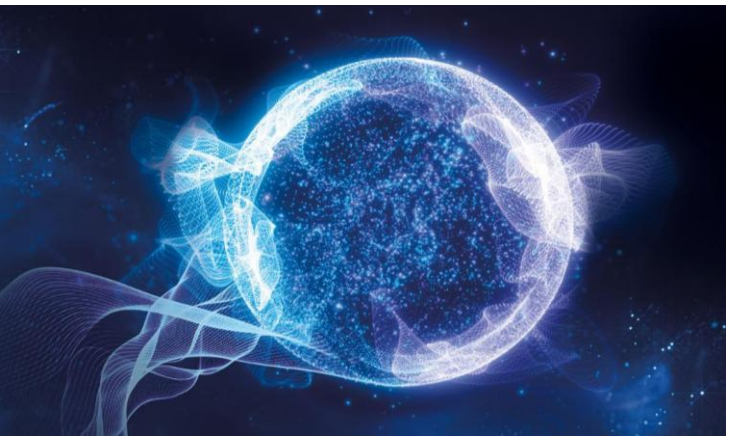
Phormiskin Bioprotech G: Blue exosomes from an ancestral alga



Codif has recently identified exosomes from the blue microalga: Phormiskin Bioprotech G contains several millions „blue" exosomes per ml. These are rich in bioactive biomolecules such as RNA and proteins, including exosomal thioredoxin.

Proven effectiveness:

- ✓ Stimulates the synthesis of thioredoxin in the skin
- ✓ Protects skin cells and DNA from oxidative UV damage
- ✓ Boosts cellular SPF protection
- ✓ Reactivates cell division
- ✓ Inhibits melanin synthesis
- ✓ Improves skin elasticity and firmness
- ✓ Reduces redness and promotes a homogeneous appearance of the skin

Applications:

- Sun Cream with DNA Protection
- Slow Aging Blue Exosome Serum
- Exosome Shot Ampoule
- Anti-Photo-Aging Daily Care

Exosomes are among the newest and most cutting-edge cosmetic active ingredients: They are already widely used in Asia and the USA, both as a treatment in beauty clinics and in products for the use at home.

Exosomes are small vesicles that contain messenger molecules for intercellular communication. They are characterised by their small size (between 20 and 150 nm), a lipidic double membrane, their characteristic cup shape and a complex individual composition. Exosomes exert their effects through membrane fusion, endocytosis or receptor activation.

The ancestral cyano-bacterium *Phormidium persicinum* is able to withstand high doses of UV radiation due to its ability to synthesise the protein thioredoxin. It captures and neutralises free radicals and reactivates the cellular repair system. Our supplier Codif cultivates the unicellular blue alga sustainably in bioreactors.

INCI (EU/PCPC) Declaration: Glycerin (and) Sea water (and) Phormidium persicinum extract

Properties:

- COSMOS and NATRUE approved
- Water soluble
- Recommended use level: 2%

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