



EXOBIO Pure Serum

Facial serum with a unique formula with exosomes that rejuvenate and intensely hydrate the skin. It also contains centella asiatica, niacinamide, and vitamins that hydrate and nourish the skin and stimulate its cellular regeneration to achieve younger-looking skin.

1.188.000.000.000.000 EXOSOMES

PRINCIPAL ACTIVES

7% EXO-VITALIZE

5% EXTRACTO DE CENTELLA ASIATICA

2% NIACINAMIDA

VITAMINA E

SIZE

30ml

TEXTURE

Gel

IKIND OF SKIN

Suitable for all skin types

CAUTIONS

Cosmetic product. Do not ingest. Avoid contact with eyes and mucous membranes. Keep out of reach of children. Store in a dry place away from direct sunlight.

HOW TO USE

Apply to face, neck and neckline with a gentle massage until completely absorbed. Apply morning and/or evening, on clean skin, before the cream. It is recommended to use a sun protection factor after application, when applied in the morning.

Actives

- **EXO-VITALIZE**

Exo-Vitalize is a natural exosomal delivery system that encapsulates watermelon and grapefruit extract, and utilizes its essential amino acid content to enhance cellular processes

glycolysis and oxidative phosphorylation. Two cellular functions that rapidly increase ATP production, this ingredient allows our skin to wake up at a cellular level.

By definition, exosomes are the smallest forms of extracellular vesicles and are natural membrane-derived particles. Most cells shed them in response to intracellular and extracellular stimuli. With their ability to increase cell-to-cell contact and intracellular communication, exosomes are efficient in improving the delivery and bioavailability of actives to the desired cells. As an active area of research, exosomes are primarily used in the pharmaceutical realm, leveraging their therapeutic and diagnostic potential. Exosomes are also emerging in the personal care industry, however, they are only marketed for skin rejuvenation, anti-aging, and are derived from human or animal stem cells. Our line of exosomes provides significant advancements in brand differentiation of the delivery system with natural origins and a wealth of benefits to choose from.

AC ExoVitalize enhances the cellular processes of glycolysis and oxidative phosphorylation. Glycolysis is a metabolic pathway that occurs in the cytosol of cells and is an anaerobic energy source that oxidizes glucose molecules, the most crucial organic fuel in animals, plants, and microbes³. Under anaerobic conditions, pyruvate is converted to lactate, resulting in the production of two adenosine triphosphate (ATP) molecules. This process is the essential first step in cellular respiration. Oxidative phosphorylation and electron transport also serve as an important source of cellular energy and occur within the mitochondria. During oxidative phosphorylation, electrons derived from NADH and FADH combine with oxygen and the released energy is used to drive ATP synthesis. It is important to note that the mechanism by which energy is obtained from these processes is fundamentally different. In the final reaction of glycolysis, the high-energy phosphate from phosphoenolpyruvate is transferred to ADP, yielding pyruvate plus ATP. This direct transfer of high-energy phosphate groups does not occur in oxidative phosphorylation, but rather the energy derived from electron transport is coupled to the generation of a proton gradient across the mitochondrial membrane. This potential energy stored in this gradient is harvested by a fifth protein complex, which couples the favorable flow of protons back across the membrane to ATP synthesis.

INGREDIENTS

AQUA, GLYCERIN, METHYLPROPANEDIOL, NIACINAMIDE, CITRUS PARADISI FRUIT EXTRACT, CITRULLUS LANATUS FRUIT EXTRACT, CAPRYLYL GLYCOL, PANTHENOL, PHOSPHOLIPIDS, XANTHAN GUM, LACTOBACILLUS FERMENT, PARFUM, LECITHIN, SCLEROTIUM GUM, PULLULAN, CENTELLA ASIATICA EXTRACT, PHENYLPROPANOL, SODIUM ACRYLATES COPOLYMER, SILICON DIOXIDE, POTASSIUM SORBATE, SODIUM BENZOATE, LACTIC ACID, CITRUS AURANTIUM PEEL OIL, CITRUS LIMON PEEL OIL, COUMARIN, LIMONENE, LINALOOL, LINALYL ACETATE, PINENE