

DermaSerum

APPLE STEM CELL



DESCRIPTION

Apple Stem Cell is a unique serum that is used to maintain the self-renewal capacity of stem cells resulting in the reduced appearance of fine lines, wrinkles and increasing hydration in the skin. Apples are rich in phytonutrients, proteins and long-living cells and when combined with hyaluronic acid this serum preserves the youthful look and the vitality of your skin.

A revolutionary technology to protect skin stem cells from pre-mature aging. Apples are rich in phytonutrients, proteins and long-living cells. This particular composition leads to incredible storability and longevity properties. Longevity is related to specific cells called stem cells which have a unique growth characteristic. These unspecialized (undifferentiated) cells can make identical copies of themselves as well as differentiate to become specialized cells.

Epidermal stem cells replenish and maintain the balance of cells within the skin tissue and regenerate tissue damages during injury. But with age, the number of skin stem cells decreases and their ability to repair the skin becomes less efficient.

In contrast to human cells, plant cells are totipotent, meaning that every cell has the ability to regenerate new organs (leave, flower, seed...) or even the whole plant. Besides, all plant cells can dedifferentiate and become a stem cell.

All stem cells, independently of their origin (plant, animal or human) contain specific epigenetic factors whose function is to maintain the self-renewal capacity of stem cells.

An in-vitro test was conducted on umbilical cord blood stem cells with Malus Domestica stem cell extract which is the active component of this DermaSerum. Umbilical cord blood stem cells (UCBSC) are the "youngest" safely available stem cells for research. The influence of Malus Domestica stem cell extract on UCBSC artificial growth was evaluated by counting the cell number after incubation. Results showed that Malus Domestica stem cell extract has a positive effect on UCBSC's artificial growth thus maintaining the growth and the proliferative activity of UCBSC.

When the Malus Domestica is added to our Hyaluronic Acid base and unique blend of botanicals the end result is a treatment serum perfect for every client to maintain healthy, hydrated and youthful skin.

APPLICATION

Protects longevity of skin stem cells
Rejuvenates
Combats pre-mature aging
Delays senescence of essentials cells
Reduces acne scars & stretch marks

INGREDIENTS

Water (aqua), Malus Domestica Fruit Cell Culture, Hyaluronic Acid, Butylene Glycol, Palmitoyl Pentapeptide-4, Centella Asiatica Extract, Polyglutamic Acid, Portulaca Oleracea (Purslane) Extract, Polyglycerin-10, Hydrolyzed Prunus Domestica, Folic Acid, Hexylene Glycol, Phenoxyethanol, Xanthan Gum

DIRECTIONS

Apply 8-12 drops over the face, neck and neckline with outward and upward movements, avoiding the eye area. Gently massage until it fully penetrates the skin.

