

## NATURAL YOUTH STEM S E R U M

The fascinating thing about stem cells is their regeneration ability. Stem cells are the natural architects of reparation. Found in all multicellular organisms, they can self replicate and differentiate into diverse specialized cell types in order to propagate the growth of an existing cell type. When applied to the skin, they result in wrinkle reduction, collagen proliferation and skin rejuvenation.

Savarnas Mantra Youth Stem Serum is an invigorating formula that uses the incredible longevity inherent in the stem cells of a rare Swiss apple, to transfer preservation and longevity unto your skin. Rich in photonutrients, proteins and long-living stem cells, the excellent endurance properties of this apple have been scientifically cultivated to bring you one step closer to the beauty associated with youth.

### benefits

- ✓ Helps reduce wrinkles and fine lines
- ✓ Preserves longevity of skin stem cells
- ✓ Delays senescence of essential cells
- ✓ Preserves the vitality and youthful appearance of skin

### daily application

Morning and Evening

### ingredients

Chondrus Crispus (Seaweed) Extract, Purified Water (Aqua), Hyaluronic Acid, Malus Domestica Fruit Cell Culture, Xanthan Gum, Glycerin, Lecithin, Phenoxyethanol, Ethylhexylglycerin.



### directions

Shake well before use. Apply sparingly to face, neck and décolleté.

## how it works

We use an extremely rare species of Swiss apple called the Uttwiler Spatlauber. The trees are so rare that there are reportedly only 20 trees left in the world. Initially these apples were heading towards extinction, because they lacked the flavor desired for agricultural cultivation. However, the surprising quality of these apples is that they can stay fresh without refrigeration or any preservative for periods lasting up to 4 months.

Recognizing the preservative value was the first step towards unlocking this ingredients' true potential. After further study, it was observed that the tree displayed remarkably fast regeneration and healing abilities.

The long lasting lifespan and quick regeneration is credited towards the apple's stem cells, which carry the provision for such qualities within the cells genetic structure. Scientists were able to cultivate the apple's stem cells which are now available as a patented liposomal preparation called Phytocelltec Malus Domestica. This preparation incites preservation and regenerative properties in human skin stem cells.

Human skin stem cells (epithelial stem cells) replenish and maintain the natural balance of cells within the epidermis layer of the skin. They also regenerate tissue damaged from injury or exposure. Unfortunately with age, the number of these stem cells decreases and they slow their ability to divide and repair. This is due to a process called senescence. Senescence is the biological slowing down of cellular division as dictated by stem cells and genetic instruction. It is a sort of biological clock and a natural component of aging.

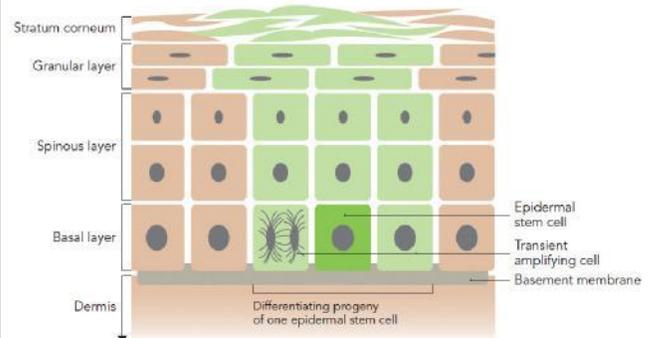
PhytoCellTec Malus Domestica works by delaying the senescence in epithelial skin stem cells. In effect the Apple's long-lasting stem cells endow their senescence delaying instructions into the newly incited skin cells. This results in newer, stronger and longer lasting skin cells, more resistant to UV exposure and all around healthier.

Based in a hydrating Seaweed extract and Hyaluronic Acid base, this incredible serum, is a pioneering and must-have addition on the journey to younger looking skin.



We use the stem cells cultivated from a rare Swiss apple, which exhibits extreme preservation qualities.

### Epidermal Stem Cells in the Human Skin



### Anti-Wrinkle effect on crows feet

