



Apple Stem Cells

- Uttwiler Spätlauber (Swiss Apple) is an endangered apple variety which has a slower rate of oxidation and thus its longevity potential.
- Plant stem cells are widely used in skin care because of their ability to maintain the self renewing process of epithelial stem cells.
- Important in repairing free radical damage, protecting longevity of skin cells and maintaining a youthful appearance in skin

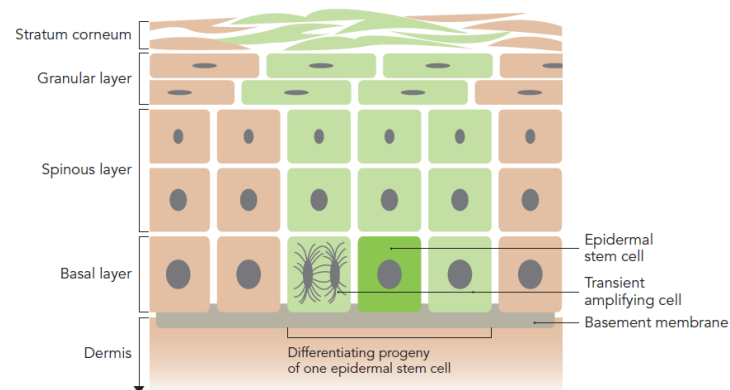
Find Apple Stem Cells in our Protocell Face Cream and Protocell Eye Cream, Professional: Protocell Peel-off Mask



Apple Stem Cells

- There are two types of stem cells found in the human body:
 - Epithelial stem cells which are found in the basal layer of the epidermis
 - Hair bulge stem cells located in the hair follicle
- Epithelial stem cells renew and maintain the balance of stem cells in skin tissue, and regenerate tissue during injury.
- Due to age, environmental and lifestyle factors, skin stem cells lose their efficiency to repair and renew themselves.

Epidermal Stem Cells in the Human Skin



Apple Stem Cells

Anti-Wrinkle Effect on “Crow’s Feet”

The anti-wrinkle effect of PhytoCellTec™ Malus Domestica evaluated with 20 volunteers aged from 37 to 64.

An emulsion containing 2% PhytoCellTec™ Malus Domestica was applied twice daily for 28 days to crow’s feet. Results showed a visible decrease in wrinkle depth for 100% of the subjects.

Anti-Wrinkle Effect on Crow's Feet

