




Healthy **ingredients** provider

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TRAUTEC

Transform your skin and hair with
Revolutionary Animal-Free Collagen

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RECOMBINANT HUMAN COLLAGEN TYPE III

MEDICAL DEVICE GRADE

Environmental factors, aging, stress and other concurrent factors determine the appearance of aging signs such as dark spots, wrinkles and impaired barrier function.

NAME

ReCol3-TTA01-02SM1 – SRHC type III

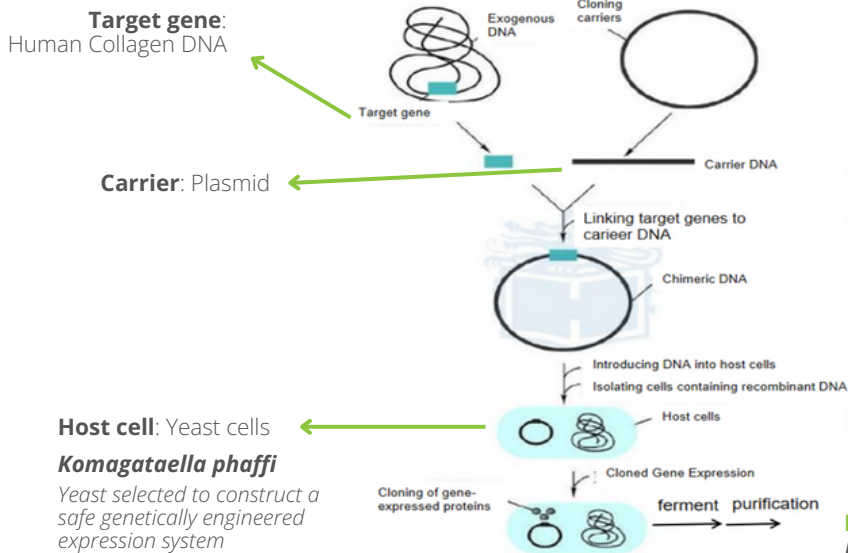
COMPOSITION - STRUCTURE

G-X-Y repeat structure

G: Glycine

X: mainly Proline

Y: Hydroxyproline



RHC TYPE III High yield

Thanks to high-density fermentation and multistage purification

EFFICACY TESTS

REPAIR ABILITY

After application of Re H Collagen type III to the SLS-damaged skin model, there is a noticeable penetration

- In the damaged skin epidermal stratum corneum
- Into the underlying tissue by repairing the skin barrier

ANTI-AGING

SRHC Type III with concentration of 0.2% showed a significant improvement in the collagen fiber content.

DISCOMFORT RELIEF

0.2% SRHC Type III downregulates the TRPV1 protein expression induced by SLS stimulation

- ⌋ Alleviates symptoms such as tingling and burning sensations

STIMULATION OF COLLAGEN REGENERATION

Liquid artificial dermis scaffold applied to wound treatment in Bama Minipigs showed:

- ⌋ After 100 days of application it was registered a significant stimulation in collagen synthesis

Innovative platform of new biological materials based on synthetic biology with the research direction of new biological materials for repair, regeneration, anti-aging, disease treatment.

Bio-Synthetic

100 %
Homologous
with human
collagen

High
biocompatibility
& safety

Large scale and
high purity
production

Environmentally
sustainable

Relevant
physico-chemical
properties
(e.g. solubility,
processability,
chelating action)