

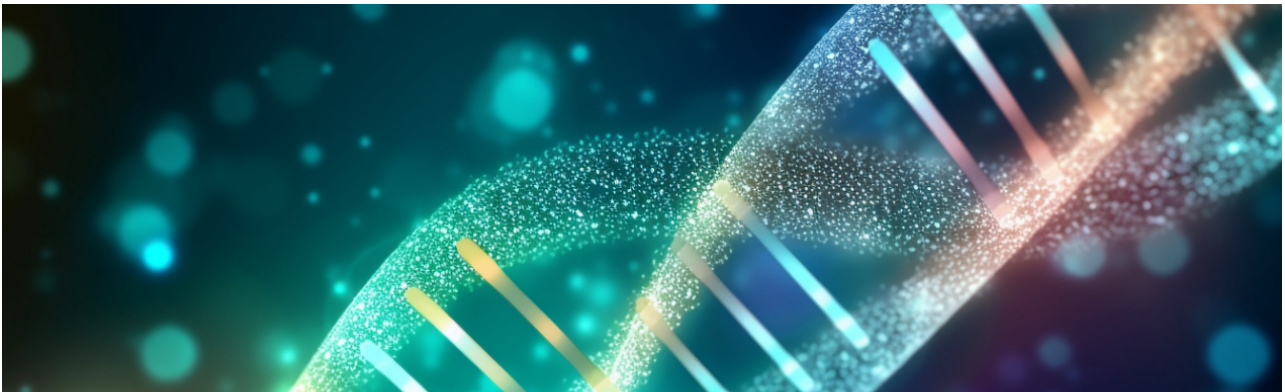
Bloomcolla™ Col III-Y05

Recombinant Collagen III



100% homologous with human collagen. Efficient penetration into the dermis of the skin, significant anti-aging effect.

With AI-assisted sequence design, Bloomcolla Col III-Y05 Recombinant Collagen III accurately selects active fragment of human collagen, and the final sequence is 100% homologous with human collagen. The production process is environmentally friendly, with high stability and high safety. Bloomcolla™ Col III-Y05 has a low molecular weight and can penetrate into the dermis of the skin to promote the synthesis of type I and Type III collagen and transforming growth factor TGF- β 1, reduce wrinkles, improve skin roughness, enhance skin elasticity and tightness, improve skin dullness and facial erythema, and have excellent anti-aging effects.



Active INCI name: Collagen

Recommended dosage: Powder(5% Collagen): 0.01%-1%

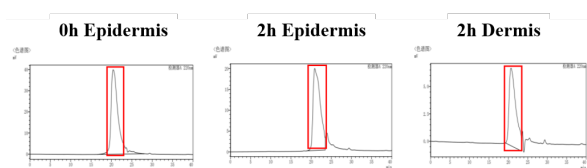
Liquid (1000ppm Collagen): 1%-20%

Solubility: Soluble in water, can be directly added to the aqueous phase.

Application: Cream, Emulsion, Serum, Facial Mask, Cleanser, Hair Care Products, etc

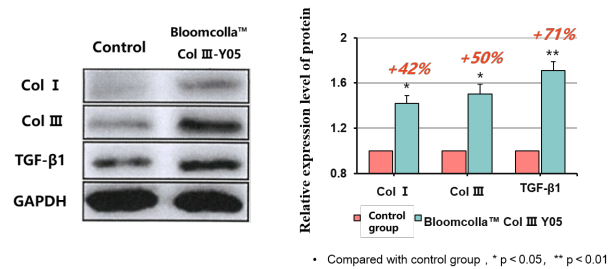
Efficacy data

Transdermal adsorption (in-vitro)



After 2 hours, Bloomcolla™ Col III-Y05 showed significant transdermal absorption.

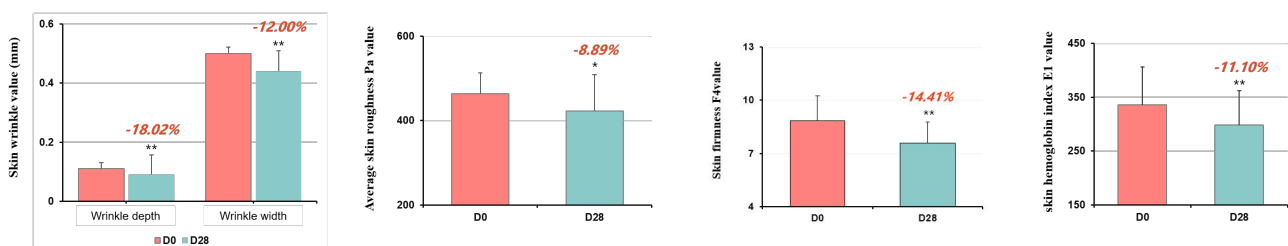
Dermal Regeneration Ability Evaluation (in-vitro)



Compared with the control group, Bloomcolla™ Col III-Y05 could significantly increase the expression of type I and type III collagen and TGF- β 1, thereby promoting dermal regeneration capacity.

Anti-aging effect (in-vivo)

After 28 days of using the spray with 0.2% Bloomcolla™ Col III-Y05, wrinkle depth and width were significantly reduced, skin roughness, skin firmness were significantly improved, and the content of skin hemoglobin was significantly reduced.



Compared with 0 day, * p < 0.05, ** p < 0.01

Volunteers: 32