



Tinzyme Co., Limited

Email: sales@tinzyme.com

Website: www.tinzyme.com

Tel: +86-755-86134126

WhatsApp/Facebook/Twitter: +86-189-22896756

Recombinant Humanized Type I Collagen Sterile Lyophilized Powder

Product Number: RPA0105

Shipping and Storage

Suggest sealed storage, with a storage temperature below -20°C. After receiving the goods, store them in a dry environment below -20°C for at least 1 year.

Description

Type I collagen is an important component of human skin, and its fibrous bundle structure provides strong support and toughness to the skin, helping to maintain its firmness and elasticity. Beauty and skincare products based on type I collagen, suitable for facial, eye, neck and other areas, can improve skin barrier, inhibit tyrosinase, and slow down melanin deposition; Lock in moisture and prevent the formation of dry lines; Enhance skin immune function, improve skin microbiota and other effects.

This product is recombinant humanized type I collagen, derived from microorganisms, with low impurities and high purity, effectively reducing the risk of allergies. With excellent hydrophilicity and moisturizing properties, it deeply nourishes the skin and maintains a long-lasting moisturizing sensation. Adopting advanced protein engineering technology and a 28000 liter yeast platform, the product ensures high purity and activity, and is free of bacterial endotoxins, improving its effectiveness. At the same time, it effectively reduces production costs and provides cost-effective raw material support for the research and production of beauty and medical devices.

Application

Suitable for facial, eye, neck and other areas, it can improve skin barrier, inhibit tyrosinase, and slow down melanin deposition; Lock in moisture and prevent the formation of dry lines; Enhance skin immune function, improve skin microbiota and other effects.

Information

1. Product level: Molecular biological grade, sterile dry powder.
2. Product specifications: 1 g/bottle, 10g/bottle, 100g/bottle, etc. In addition to conventional packaging, customization can be made according to customer needs. Large packaging can reach up to ten kilograms.
3. Molecular weight: 26.9KD.
4. Solubility: Easily soluble in water.
5. Source species: Microorganisms.
6. Gene source: human.

Quality control

1. Appearance: White or light white powder
2. Electrophoretic purity:> 95% (SDS-PAGE)
3. Protein content:> 90%
4. Moisture content:< 10%
5. Microorganisms:< 5cfu/g
6. Endotoxin:< 0.5EU/mg
7. Heavy metals: total residual heavy metal content (Pb)< 10ppm; Arsenic (As) content< 2ppm, mercury (Hg) content< 2ppm, lead (Pb) content< 5ppm, chromium (Cr) content< 5ppm, cadmium (Cd) content< 2ppm.
8. Colony: Escherichia coli - not detected; Staphylococcus aureus - not detected; Pseudomonas aeruginosa - not detected.

Note

1. For your safety and health, please wear lab clothes, protective gloves, goggles, etc. when using.

For Research Use Only



Tinzyme Co., Limited

Email: sales@tinzyme.com

Website: www.tinzyme.com

Tel: +86-755-86134126

WhatsApp/Facebook/Twitter: +86-189-22896756

2. This sterile freeze-dried powder is prone to moisture absorption, please seal and store.