

Recombinant Human Collagen (Cosmetic Grade)

Cat. No. CEFX-377

Lot. No. (See product label)

Introduction

Description

This product is recombinant human collagen lyophilized powder expressed by *Pichia pastoris*, obtained through chromatography purification, ultrafiltration, and freeze-drying. The recombinant human collagen is derived from human type III collagen fragments with a molecular weight of 55 kDa. Utilizing the efficient soluble expression of *Pichia pastoris*, it offers advantages such as good water solubility and high biological activity, making it widely applicable in beauty cosmetics, medical devices, and health food sectors.

Applications

Add to eye masks, facial masks, sprays, serums, and other skincare products, with moisturizing effects. Used for the care of aging skin, as well as for issues such as dermatitis, acne, and sensitivity. Also used as a raw material for medical devices. This product can be used alone or in combination, with an addition amount of 0.01% to 0.05%. It cannot be mixed with cationic surfactants or ethanol. Recombinant human collagen can help regulate and stabilize pH, stabilize foams, and emulsify colloids. Additionally, as a functional protein ingredient in cosmetics, it can reduce the damage of various surfactants, acids, bases, and other irritants on the skin.

Synonyms

Vegan Collagen; collagen;

Product Information

Species

Human

Source

Pichia yeast

Appearance

White or off-white lyophilized powder

Form

lyophilized powder

Molecular Weight

55KD

Purity

Collagen content: $\geq 90.0\%$

Function

Repairing; Regenerating; Revitalizing

Usage and Packaging

Package

10g/bottle or packaged according to customers' requirements.

Storage and Shipping Information

Storage

The lyophilized powder can be stored at least 24 months at -15°C and below.