

## Recombinant Human Small Molecule Collagen (Cosmetic Grade)

Cat. No. CEFX-376

Lot. No. (See product label)

### Introduction

**Description** This product is recombinant human collagen recombinantly expressed by Pichia yeast, after chromatographic purification, ultrafiltration, freeze-drying to obtain recombinant human small molecule collagen lyophilized powder. Recombinant human small molecule collagen is a series of high-expression technology, bio-fermentation technology, the preparation of a specific sequence of human collagen type III fragments, retaining the complete structure of the collagen triplet (Gly-X-Y), molecular weight of the molecular weight of 500-5000Da, the number of amino acids between 5-50.

**Applications** Add to eye masks, facial masks, sprays, serums, and other skincare products, with moisturizing effects. Used alone as a skin repair and moisturizing product, it has high permeability, replenishing the nutrients needed by the skin for daily care. Used for the care of aging skin, dermatitis, acne, sensitivity, and other problem skin. This product can be used alone or in combination, with an addition amount of 0.01% to 0.05%. It cannot be used in combination with cationic surfactants and ethanol. Recombinant human small molecular collagen can regulate and stabilize pH, stabilize foam, and emulsify colloids. At the same time, as a functional protein ingredient in cosmetics, it can reduce the damage of various surfactants, acids, bases, and other irritants to 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** 500-5000Da

**Purity** Collagen content:  $\geq 90.0\%$

**Function** Soothing and Desensitizing, Wrinkle Reducing and Repairing

### 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  $-15^{\circ}\text{C}$  and below.