

Recombinant Human Collagen III

Cat. No. Collagen III-014H **Lot. No.** (See product label)

SPECIFICATION

Product Overview The rhCol III was derived from the fragment of human type III collagen, and the fourth strain, Pichia Pasteuris. The product is a high molecular biological protein by preparation process that uses genetic engineering recombination technology. From molecular design, activity screening to strain construction, through high-density fermentation, separation, purification and other processes to produce a high safety and does not contain any pathogenic microorganisms.

Species Human

Source Yeast

Description Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.

Form Soluble collagen Solid: White or white spongy solid Liquid: colorless and clear liquid

Molecular Mass 55 kDa±5 kDa

Applications Raw material in efficacy skin care, medical dressing, medical injection.

Storage Sealed, protected from light at 2-8 centigrade or below

pH 4.0-8.0

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Collagen content ≥95.0%

Recommended addition Solids: 0.02%-0.5% Liquids: 1%-10%

GENE INFORMATION

Official Symbol Collagen III

Synonyms Collagen III

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