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Collagen-I, human recombinant protein

Collagen-I
Catalog # PBV10415r

Specification

Collagen-I, human recombinant protein - Product info

Calculated MW	**96.0 kDa KDa**

Collagen-I, human recombinant protein - Additional Info

Other Names
Collagen-I, Collagen alpha-1(VII) chain, Long-chain collagen, LC collagen, COL7A1

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC; ≥95%**
Recombinant	**Yes**

Application Notes
Reconstitute the lyophilized rhCollagen in H_2O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted to other aqueous solutions and stored aliquoted at –20°C for future use.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

Collagen-I, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Collagen-I, human recombinant protein - Images

Collagen-I, human recombinant protein - Background

Recombinant human collagen produced from E. coli is a non-glycosylated 96 kDa polypeptide chain. It is expressed with human collagen cDNA transcribed reversely from mRNA and purified by proprietary chromatographic techniques. Recombinant human Collage retains the function of collagen and unlike collagen extracted from animal tissues; rhCollagen is free from virus, H_2O

soluble, and with less immunogenecity for in vivo studies.