

Collagen-III, human recombinant protein
Collagen alpha-1(III) chain, COL3A1, EDS4A, FLJ34534
Catalog # PBV10416r

Specification

Collagen-III, human recombinant protein - Product info

Collagen-III, human recombinant protein - Additional Info

Other Names

Collagen alpha-1(III) chain, COL3A1, EDS4A, FLJ34534

Gene Source

Source

Assay&Purity

Assay2&Purity2

Recombinant

Format

Liquid

Human

Pichia Pastoria

SDS-PAGE; ≥95%

HPLC;

Yes

Storage

2-8 °C; 3.5 mg/ml in 10 mM HCl

Collagen-III, 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 Cytometry](#)
- [Cell Culture](#)

Collagen-III, human recombinant protein - Images

Collagen-III, human recombinant protein - Background

Collagen, a major component of the extraCellular matrix, is a fibrous protein that provides strength to tissues giving them structural integrity. It has been part of the medical, pharmaceutical and consumer products for over 100 years. DNA sequences encoding the human pro α 1 (III) and both α and β subunits of the prolyl hydroxylase were co-expressed in the yeast Pichia Pastoris. Procollagen III was converted to mature collagen by controlled proteinase digestion.