

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

## **Specification**

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### **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 $\alpha$  1 (III) and both  $\alpha$  and  $\beta$  subunits of the prolyl hydroxylase were co-expressed in the yeast Pichia Pastoris. Procollagen III was converted to mature collagen by controlled proteinase digestion.