

Recombinant Rat Col1a1 protein, His-tagged

Cat. No. Col1a1-5382R Lot. No. (See product label)

SPECIFICATION

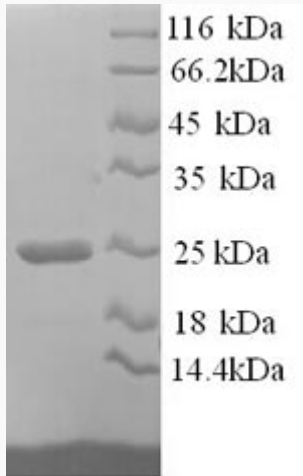
Product Overview	Recombinant Rat Col1a1 protein(P02454)(955-1207aa), fused to N-terminal His tag, was expressed in Yeast.
Species	Rat
Source	Yeast
ProteinLength	955-1207aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	25.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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Gene Name	Col1a1 collagen, type I, alpha 1 [Rattus norvegicus]
Official Symbol	Col1a1
Synonyms	COL1A1; collagen, type I, alpha 1; collagen alpha-1(I) chain; alpha-1 type I collagen; collagen, type 1, alpha 1; procollagen type I, alpha 1; procollagen, type 1, alpha 1; COLIA1;
Gene ID	29393
mRNA Refseq	NM_053304
Protein Refseq	NP_445756
SDS-PAGE	

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