Recombinant Human COL9A1, His tagged

Cat. No. COL9A1-147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL9A1 (P20849-3) (Met1-Pro328), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-328 a.a.
Predicted N Terminal	Ala 24
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human COL9A1 comprises 316 amino acids and has a predicted molecular mass of 34.2 kDa. The apparent molecular mass of the protein is approximately 40-45 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	COL9A1 collagen, type IX, alpha 1 [Homo sapiens]
Official Symbol	COL9A1
Gene ID	1297
mRNA Refseq	NM_001851
Protein Refseq	NP_001842
MIM	120210
UniProt ID	P20849
Chromosome Location	6q12-q14

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