

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

 Tel: 1-631-559-9269 1-516-512-3133

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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°C 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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