

Recombinant Human COL4A1 protein, His-SUMO-tagged

Cat. No. COL4A1-2713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL4A1 protein(P02462)(1445-1669aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1445-1669aa
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	40.9 kDa
AA Sequence	GFLVTRHSQTIDDPQCPSGKILYHGYSLLYVQGNRAHGQDLGTAGSCLRKFSTM PFLFCNINNVCFASRNDYSYWLSTPEPMPMSMAPITGENIRPFISRCACEAPAMV MAVHSQTIQIPPCPSGWSSLLWIGYSFVMHTSAGAEGSGQALASPGSCLEEFERSAPFI ECHGRGTCNYYANAYSFWLATIERSEMFKKPTSTLKAGELRTHVSRQVCMRRT
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.

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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

Gene Name [COL4A1 collagen, type IV, alpha 1 \[Homo sapiens \]](#)

Official Symbol [COL4A1](#)

Synonyms COL4A1; collagen, type IV, alpha 1; collagen alpha-1(IV) chain; COL4A1 NC1 domain; collagen IV, alpha-1 polypeptide; collagen of basement membrane, alpha-1 chain; HANAC; POREN1; arresten;

Gene ID [1282](#)

mRNA Refseq [NM_001845](#)

Protein Refseq [NP_001836](#)

MIM [120130](#)

UniProt ID [P02462](#)

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