

Recombinant Human COL18A1 protein, GST-tagged

Cat. No. COL18A1-2712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL18A1 protein(P39060)(1578-1754aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1578-1754aa
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	46.3 kDa
AA Sequence	QPVLHLVALNSPLSGGMRGIRGADFQCFQQARAVGLAGTFRAFLSSRLQDLYSIVR RADRAAVPIVNLKDELLFPSWEALFSGSEGPLKPGARIFSFDGKDVLRHPTWPQKSV WHGSDPNGRRLTESYCETWRTEAPSATGQASSLLGGRLLGQSAASCHHAYIVLCIE NSFMTASK
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 COL18A1 collagen, type XVIII, alpha 1 [Homo sapiens]

Official Symbol COL18A1

Synonyms

COL18A1; collagen, type XVIII, alpha 1; KNO, Knobloch syndrome, type 1; collagen alpha-1(XVIII) chain; endostatin; KNO1; KS; antiangiogenic agent; multi-functional protein MFP; KNO; FLJ27325; FLJ34914; MGC74745;

Gene ID 80781

mRNA Refseq NM_030582

Protein Refseq NP_085059

MIM 120328

UniProt ID P39060

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