

Recombinant Human COL4A2 protein, His-tagged

Cat. No. COL4A2-2714H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL4A2 protein(P08572)(1493-1712aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1493-1712aa
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	28.3 kDa
AA Sequence	VKHSQTDQEP MCPVGMNKLWSGYSLLYFEGQEKAHNQDLGLAGSCLARFSTMPFL YCNPGDVCYYASRNDKSYWLSTTAPLPMMPVAEDEIKPYISRCVCEAPAIAIAVHS QDVSIPHC PAGWRSLWIGYSFLMHTAAGDEGGGQSLVSPGSCLED FRATPFIECNG GRGTCHYYANKYSFWLT TIPEQSFQGPSADTLKAGLIRTHISRCQVCMKNL
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	COL4A2 collagen, type IV, alpha 2 [Homo sapiens]
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Official Symbol	COL4A2
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Synonyms	COL4A2; collagen, type IV, alpha 2; collagen alpha-2(IV) chain; canstatin; collagen type IV alpha 2; DKFZp686I14213; FLJ22259; ICH; POREN2;
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Gene ID	1284
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mRNA Refseq	NM_001846
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Protein Refseq	NP_001837
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MIM	120090
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UniProt ID	P08572
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