

Recombinant Human COL4A3 protein, His-tagged

Cat. No. COL4A3-2715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL4A3 protein(Q01955)(1427-1668aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1427-1668aa
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	30.6 kDa
AA Sequence	GLKGKRGDSGSPATWTTRGFVFTRHSQTTAIPSCPEGTVPLYSGFSFLFVQGNQRA HGQDLGTLGSLQRFRTTMPFLFCNVNDVCNFASTRNDYSYWLSTPALMPMNMAPIT GRALEPYISRCTVCEGPAIAIAVHSQTTDIPPCPHGWISLWKGFSEFIMFTSAGSEGTG QALASPGSCLEEFRAFPFLECHGRGTCNYYSNSYSFWLASLNPERMFRKPIPTVK AGELEKIISRCQVCMKK
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

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repeated freeze-thaw cycles.

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 COL4A3 collagen, type IV, alpha 3 (Goodpasture antigen) [Homo sapiens]

Official Symbol COL4A3

Synonyms COL4A3; collagen, type IV, alpha 3 (Goodpasture antigen); collagen alpha-3(IV) chain; tumstatin; collagen IV, alpha-3 polypeptide;

Gene ID 1285

mRNA Refseq NM_000091

Protein Refseq NP_000082

MIM 120070

UniProt ID Q01955

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