

Recombinant Human COL6A2 protein, His-tagged

Cat. No. COL6A2-3366H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL6A2 protein(671-1019 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	671-1019 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	FEAIQLDDERIDSLSSFKEAVKNLEWIAGGTWTPSALKFAYDRLIKESRRQKTRVFAV VITDGRHDPRDDDLNLRALCDRDVTVTAIGIGDMFHEKHESENLYSIACDKPQQVRN MTLFSDLVAEKFIDDMEDVLCDPQIVCPDLPCQTELSVAQCTQRPVDIVFLLDGSE RLGEQNFHKARRFVEQVARRLTLARRDDDPLNARVALLQFGGPGEQQVAFPLSHN LTAIHEALETQYLNSFSHVGAGVVHAINAIVRSPRGGARRHAELSFVFLTDGVTGND SLHESAHSRMRKQNVVPTVLALGSDVDMDVLTTLSLGDRAAVFHEKDYDSLAQPGFF DRFIRWIC
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name COL6A2 collagen, type VI, alpha 2 [Homo sapiens]

Official Symbol COL6A2

Synonyms COL6A2; collagen, type VI, alpha 2; collagen alpha-2(VI) chain; collagen VI, alpha-2 polypeptide; human mRNA for collagen VI alpha-2 C-terminal globular domain; PP3610; FLJ46862; DKFZp586E1322;

Gene ID 1292

mRNA Refseq NM_001849

Protein Refseq NP_001840

MIM 120240

UniProt ID P12110

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