

Recombinant Human COL5A2 protein, mFc-tagged

Cat. No. COL5A2-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL5A2 protein(P05997)(Met1-Leu1229) was expressed in HEK293, fused with Fc region of mouse IgG at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-1229 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human COL5A2/mFc is a disulfide-linked homodimer. The reduced monomer comprises 1437 amino acids and has a predicted molecular mass of 138.6 kDa. The apparent molecular mass of the protein is approximately 75 and 60 in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	(26.7+59.2) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

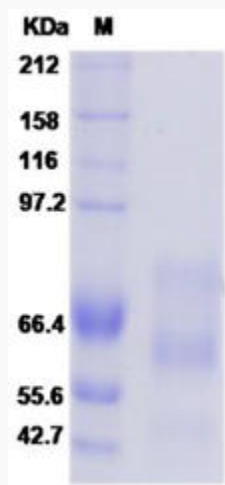
GENE INFORMATION

Gene Name	COL5A2 collagen, type V, alpha 2 [Homo sapiens]
Official Symbol	COL5A2
Synonyms	COL5A2; collagen, type V, alpha 2; collagen alpha-2(V) chain; AB collagen; type V procollagen alpha 2 chain; collagen, fetal membrane, A polypeptide; MGC105115;
Gene ID	1290
mRNA Refseq	NM_000393
Protein Refseq	NP_000384
MIM	120190
UniProt ID	P05997

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SDS-PAGE

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