Recombinant Human COL6A2 protein, T7/His-tagged

Cat. No. COL6A2-28H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Collagen VI extracellular domain cDNA (27 - 227 aa) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-227 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGETELSVAQCTQRPVDIVFLLDGSERLG EQNFHKARRFVEQVARRLTLA RRDDDPLNARVALLQFGGPGEQQVAFPLSHNLTAI HEALETTQYLNSFSHVGAGVVHAINAIVRSPRGRARRHAE LSFVFLTDGVTGNDSL HESAHSMRKQNVVPTVLALGSDVDMDVLTTLSLGDRAAVFHEKDYDSLAQPGFFDR FIR WIC
Purity	≥90% (SDS-PAGE)
Applications	1. May be used for in vitro various collagen VI / integrin binding regulation for cell lineage specific differentiations study coating with this protein.2. May be used for protein-protein interaction assay.3. As antigen for specific antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at

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	least 30 days.

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
Chromosome Location	21q22.3
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;

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Function	extracellular matrix structural constituent; protein binding; protein binding, bridging;

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