

Product datasheet for **TP762244**

COL5A2 (NM_000393) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human collagen, type V, alpha 2 (COL5A2), Gly1200-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Gly1200-End) of COL5A2
Tag:	N-His
Predicted MW:	32.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000384
Locus ID:	1290
UniProt ID:	P05997
RefSeq Size:	6930
Cytogenetics:	2q32.2
RefSeq ORF:	4497
Synonyms:	EDSC; EDSCL2



[View online »](#)

Summary:

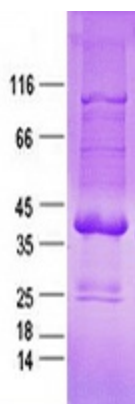
This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Protein Pathways:

ECM-receptor interaction, Focal adhesion

Product images:

Purified recombinant protein COL5A2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.