

Recombinant Human COL5A2 Protein, GST-tagged

Cat. No. COL5A2-1657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COL5A2 partial ORF (NP_000384, 41 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	34.98 kDa
AA Sequence	CTQNGQMYLNRDIWKPAQCICVCDNGAILCDKIECQDVLDCADPVTTPPGECCPVC SQTPGGGNTNFRGRKGQKGEPGLVPVV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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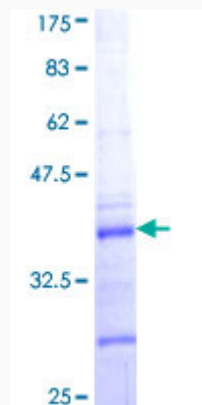
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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