

Recombinant Human COL5A2 Protein, His tagged

Cat. No. COL5A2-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human collagen, type V, alpha 2 (COL5A2), Gly1200-End, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1200-1499 aa
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.
Form	50 mM Tris-HCl, pH 8.0, 8 M urea
Molecular Mass	32.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

experience some loss of protein during the filtration process.

Storage

Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration

> 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name

COL5A2 collagen type V alpha 2 chain [Homo sapiens (human)]

Official Symbol

COL5A2

Synonyms

COL5A2; collagen type V alpha 2 chain; EDSC; EDSCL2; collagen alpha-2(V) chain; AB collagen; collagen, fetal membrane, A polypeptide; type V procollagen alpha 2 chain

Gene ID

1290

mRNA Refseq

NM_000393

Protein Refseq

NP_000384

MIM

120190

UniProt ID

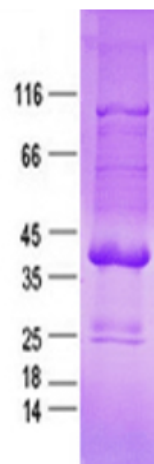
P05997

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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