

Recombinant Human COL6A5 Protein, GST-tagged

Cat. No. COL6A5-1646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COL29A1 full-length ORF (AA153010.1, 1 a.a. - 565 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the collagen superfamily of proteins. The encoded protein contains multiple von Willebrand factor A-like domains and may interact with the alpha 1 and alpha 2 chains of collagen VI to form the complete collagen VI trimer. Polymorphisms in this gene may be linked to dermal phenotypes, such as eczema. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Molecular Mass	89.1 kDa
AA Sequence	MDVVFLIDNSRNIKDEFKAVKALVSSVIDNFNIASDPLISDSGDRIALLSYSPWESSR RKMGTVKTEFDFFITYDNQLLMKNHIQTSFQQNLGEATIGRALLWTENLFPETPYLRK HKVIFVVSAGENYERKEFVKMMALRAKCQGYVIFVISLGSTRKDDMEELASYPLDQH LIQLGRIHKPDLNIIAKFLKPFLYSVRRGFNQYPPPMLEDACRLINLGGENIQNDGFQ FVTELQEDFLGGNGFIGQELNSGRESFVKTEDNGSDYLVYLP SQMFEPQKLMINY EKDQKSAEIASLTSGHENYGRKEEPDHTYEPGDVSLQEYYMDVAFLIDASQRVGSD EFKEVKAFITSVLDFHIAPTPLTSTLGDRVAVLSYSPPGYMPNTEECPVYLEFDLVT YNSIHQMKHHLQDSQQNLNGDVFIGHALQWTIDNVFVGTPNLRKNKVIFVISAGETNS

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	LDKDVLRNVSLRAKCQGYISIFVFSFGPKHNDKEELEASHPLDHHLVQLGRTHKPD WNYIIFVKPFVHLIRRAINKYPTEDMKATCVNMTSPNPENGGTENTVLW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	COL6A5 collagen type VI alpha 5 chain [Homo sapiens (human)]
Official Symbol	COL6A5
Synonyms	COL6A5; collagen type VI alpha 5 chain; Collagen Type VI Alpha 5 Chain; Von Willebrand Factor A Domain-Containing Protein 4; Collagen, Type XXIX, Alpha 1; Collagen, Type VI, Alpha 5; COL29A1; VWA4; Von Willebrand Factor A Domain Containing 4; Collagen Alpha-1(XXIX) Chain; Collagen Alpha-5(VI) Chain; Collagen Type VI Alpha 5; VWA4; COL29A1; collagen alpha-5(VI) chain; collagen, type VI, alpha 5; collagen, type XXIX, alpha 1; von Willebrand factor A domain-containing protein 4
Gene ID	256076
mRNA Refseq	NM_001278298

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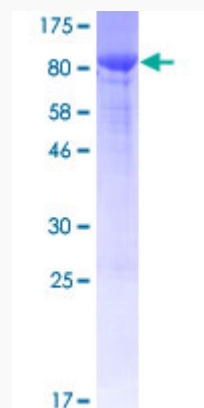
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Protein Refseq NP_001265227

MIM 611916

UniProt ID A8TX70

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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