

Recombinant Full Length Human COL6A5 Protein, GST-tagged

Cat. No. COL6A5-2136HF **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	In Vitro Cell Free System
ProteinLength	565 amino acids
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 RKMGTVKTEFDFFITYDNQLLMKNHIQTSFQQLNGEATIGRALLWTTENLFPETPYLRK HKVIFVVSAGENYERKEFVKMMALRAKCQGYVIFVISLGSTRKDDMEELASYPLDQH LIQLGRIHKPDLNIIAKFLKPFLYSVRRGFNQYPPPMLEDACRLINLGGENIQNDGFQ FVTELQEDFLGGNGFIGQELNSGRESFVKTEDNGSDYLVYLP SQMFEPQKLMINY EKDQKSAEIASLTSGHENYGRKEEPDHTYEPGDVSLQEYYMDVAFLIDASQRVGSD EFKEVKAFITSVLDYFHIAPTPLTSTLGDRVAVLSYSPPGYMPNTEECPVYLEFDLVT

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YNSIQMKHHLQDSQQLNQDVFIGHALQWTIDNVFVGTPNLRKNKVIFVISAGETNS
LDKDVLNRNVSLRAKCQGYISIFVFSFGPKHNDKELEELASHPLDHHLVQLGRTHKPD
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

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mRNA Refseq	NM_001278298
Protein Refseq	NP_001265227
MIM	611916
UniProt ID	A8TX70

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