

Recombinant Human COL16A1 Protein, GST-tagged

Cat. No. COL16A1-1638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COL16A1 partial ORF (NP_001847, 117 a.a. - 216 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes the alpha chain of type XVI collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Members of this collagen family are found in association with fibril-forming collagens such as type I and II, and serve to maintain the integrity of the extracellular matrix. High levels of type XVI collagen have been found in fibroblasts and keratinocytes, and in smooth muscle and amnion. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	WYLFQVTDANGYPQISLEVNSQERSLELRAQGQDGDVFVSCIFPVPQLFDLRWHKLM LSVAGRVASVHVDCSSASSQPLGPRRPMRPVGHVFLGLDAEQGK
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.

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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 COL16A1 collagen type XVI alpha 1 chain [Homo sapiens (human)]

Official Symbol COL16A1

Synonyms COL16A1; collagen type XVI alpha 1 chain; Collagen Type XVI Alpha 1 Chain; Collagen, Type XVI, Alpha 1; Collagen XVI, Alpha-1 Polypeptide; Collagen Alpha-1(XVI) Chain; Alpha 1 Type XVI Collagen; FP1572; 447AA; collagen alpha-1(XVI) chain; alpha 1 type XVI collagen; collagen XVI, alpha-1 polypeptide; collagen, type XVI, alpha 1

Gene ID 1307

mRNA Refseq NM_001856

Protein Refseq NP_001847

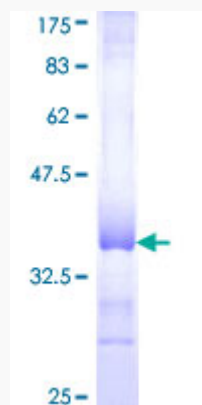
MIM 120326

UniProt ID Q07092

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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