

Recombinant Full Length Human COL4A6 Protein, GST-tagged

Cat. No. COL4A6-2165HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COL4A6 full-length ORF (AAH05305, 1 a.a. - 73 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	73 amino acids
Description	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene, alpha 5 type IV collagen, so that the gene pair shares a common promoter. Deletions in the alpha 5 gene that extend into the alpha 6 gene result in diffuse leiomyomatosis accompanying the X-linked Alport syndrome caused by the deletion in the alpha 5 gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]
Molecular Mass	33.77 kDa
AA Sequence	MLINKLWLLLVTLCLTEELAAAGEKSYGKPCGGQDCSGSCQCFPEKGARHNLQLLN DMAGRLYHFSEVLPNLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	COL4A6 collagen, type IV, alpha 6 [Homo sapiens]
Official Symbol	COL4A6
Synonyms	COL4A6; collagen, type IV, alpha 6; collagen alpha-6(IV) chain; collagen alpha 6 type IV; collagen IV, alpha-6 polypeptide; dJ889N15.4 (Collagen Alpha 6(IV)); collagen of basement membrane, alpha-6; DELXq22.3; CXDELq22.3; MGC88184
Gene ID	1288
mRNA Refseq	NM_001847
Protein Refseq	NP_001838
MIM	303631
UniProt ID	Q14031