

COL6A3 / Collagen-VI Recombinant Protein | COL6A3 recombinant protein

Recombinant Human COL6A3 / Collagen-VI Protein

CATALOG #
AAA173517

HOST
HEK293 Cells

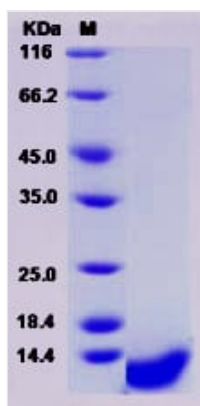
PRODUCT SYNONYMS

COL6A3 / Collagen-VI; Recombinant Human COL6A3 / Collagen-VI Protein; COL6A3; Collagen-VI; COL6A3 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by SDS-PAGE.
Form/Format	Supplied as sterile PBS, pH7.4
Concentration	0.39 mg/mL (varies by lot)
Sequence Length	3177
Species	Human
Sequence	Thr3101-Thr3177
Endotoxin	<1.0 EU per mug protein as determined by the LAL method.
Preparation and Storage	Store at <-20°C . Please minimize free

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COL6A3 recombinant protein	This gene encodes the alpha-3 chain, one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The alpha-3 chain of type VI collagen is much larger than the alpha-1 and -2 chains. This difference in size is largely due to an increase in the number of subdomains, similar to von Willebrand Factor type A domains, that are found in the amino terminal globular domain of all the alpha chains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in the type VI collagen genes are associated with Bethlem myopathy, a rare autosomal dominant proximal myopathy with early childhood onset. Mutations in this gene are also a cause of Ullrich congenital muscular dystrophy, also referred to as Ullrich scleroatonic muscular dystrophy, an autosomal recessive congenital myopathy that is more severe than Bethlem myopathy. Multiple transcript variants have been identified, but the full-length nature of only some of these variants has been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55743098
NCBI GeneID	1293
NCBI Accession #	NP_004360.2
NCBI GenBank Nucleotide #	NM_004369.3
Molecular Weight	8.5 kDa
NCBI Official Full Name	collagen alpha-3(VI) chain isoform 1
NCBI Official Synonym Full Names	collagen type VI alpha 3 chain
NCBI Official Symbol	COL6A3
NCBI Official Synonym Symbols	DYT27; UCMD1; BTHLM1
NCBI Protein Information	collagen alpha-3(VI) chain
UniProt Protein Name	Collagen alpha-3(VI) chain
UniProt Gene Name	COL6A3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/col6a3-recombinant-protein-hek293-cells/173517>