

Collagen alpha-2 (VI) chain (COL6A2) Recombinant Protein | COL6A2 recombinant protein

Recombinant Human Collagen alpha-2 (VI) chain (COL6A2) , partial

CATALOG # AAA113621	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Collagen alpha-2 (VI) chain (COL6A2); Recombinant Human Collagen alpha-2 (VI) chain (COL6A2); partial; COL6A2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	941-1016. Partial.
Sequence	ELSFVFLTDG VTGNDSLHES AHSMRKQNVV PTVLALGSDV DMDVLTTL SL GDRAAVFHEK DYDSL AQP GF FDRFIR
Sequence Length	1016
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for COL6A2 recombinant protein	This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. 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 this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115527062
NCBI GeneID	1292
NCBI Accession #	NP_001840.3
NCBI GenBank Nucleotide #	NM_001849.3
UniProt Accession #	P12110 ; Q13909 ; Q13910 ; Q13911 ; Q14048 ; Q14049 ; Q16259 ; Q16597 ; Q6P0Q1 ; Q9UML3 ; Q9Y4S8
Molecular Weight	13.4 kDa
NCBI Official Full Name	collagen alpha-2(VI) chain isoform 2C2
NCBI Official Synonym Full Names	collagen type VI alpha 2 chain
NCBI Official Symbol	COL6A2
NCBI Official Synonym Symbols	UCMD1; BTHLM1; PP3610

NCBI Protein Information	collagen alpha-2(VI) chain
UniProt Protein Name	Collagen alpha-2(VI) chain
UniProt Gene Name	COL6A2

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://stage.aaabiotech.com/col6a2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113621>