

Collagen alpha-1 (XV) chain (COL15A1) Recombinant Protein | COL15A1 recombinant protein

Recombinant Human Collagen alpha-1 (XV) chain (COL15A1) , partial

CATALOG # AAA113921	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Collagen alpha-1 (XV) chain (COL15A1); Recombinant Human Collagen alpha-1 (XV) chain (COL15A1); partial; COL15A1 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	40-228. Partial
Sequence	HLDLTQLIGV PLPSSVSFVT GYGGFPAYSF GPGANVGRPA RTLIPSTFFR DFAISVVVKP SSTRGGVLFA ITDAFQKVIY LGLRLSGVED GHQRILYYT EPGSHVSQEA AAFSVPVMTH RWNRFAMIVQ GEEVTLLVNC EEHSRIPFQR SSQALAFESS AGIFMGNAGA TGLERFTGSL QQLTVHPDP
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 COL15A1 recombinant protein	This gene encodes the alpha chain of type XV collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XV collagen has a wide tissue distribution but the strongest expression is localized to basement membrane zones so it may function to adhere basement membranes to underlying connective tissue stroma. Mouse studies have shown that collagen XV deficiency is associated with muscle and microvessel deterioration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116008152
NCBI GeneID	1306
NCBI Accession #	NP_001846.3
NCBI GenBank Nucleotide #	NM_001855.4
UniProt Accession #	P39059 ; Q5T6J4 ; Q9UDC5 ; Q9Y4W4
Molecular Weight	141,720 Da
NCBI Official Full Name	collagen alpha-1(XV) chain
NCBI Official Synonym Full Names	collagen type XV alpha 1 chain
NCBI Official Symbol	COL15A1
NCBI Protein Information	collagen alpha-1(XV) chain

UniProt Protein Name	Collagen alpha-1(XV) chain
UniProt Gene Name	COL15A1

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/col15a1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113921>