

Collagen alpha-1 (XVI) chain (Col16a1) Recombinant Protein | Col16a1 recombinant protein

Recombinant Mouse Collagen alpha-1 (XVI) chain (Col16a1) , partial

CATALOG #
AAA117021

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Collagen alpha-1 (XVI) chain (Col16a1); Recombinant Mouse Collagen alpha-1 (XVI) chain (Col16a1); partial; Col16a1 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	22-231aa; partial
Sequence	TNIGERCPTS QQEGLKLEHS SDPSTNVTGF NLIRRLNLMK TSAIKKIRNP KGPLILRLGA APVTQPTRRV FPRGLPEEFA LVLTVLLKKH TFRNTWYLFQ VTDANGYPQI SLEVNSQERS LELRAQGQDG DFVSCIFVPV QLFDLRWHKL MLSVAGRVAS VHVDCVSASS QPLGPRQSIR PGGHVFLGLD AEQKPVVSFD LQQAHIYCDP
Species	Mouse
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 Col16a1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	227500531
NCBI GeneID	107581
NCBI Accession #	NP_082542.3
NCBI GenBank Nucleotide #	NM_028266.5
UniProt Accession #	Q8BLX7 ; Q9CZS2 ; A3KFV5
Molecular Weight	14,823 Da
NCBI Official Full Name	collagen alpha-1(XVI) chain
NCBI Official Synonym Full Names	collagen, type XVI, alpha 1
NCBI Official Symbol	Col16a1
NCBI Official Synonym Symbols	CA1F; AI838662; 2700007F12Rik; A530052M23Rik
NCBI Protein Information	collagen alpha-1(XVI) chain

UniProt Protein Name	Collagen alpha-1(XVI) chain
UniProt Gene Name	Col16a1

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/col16a1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117021>