

Collagen alpha-1 (XVII) chain (COL17A1) Recombinant Protein | COL17A1 recombinant protein

Recombinant Human Collagen alpha-1 (XVII) chain (COL17A1) , partial

CATALOG # AAA116209	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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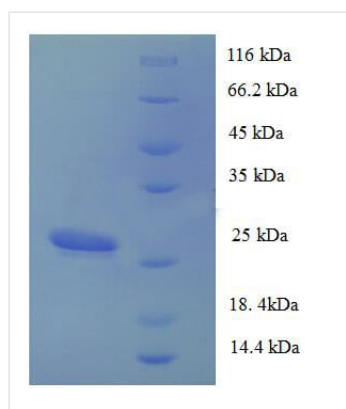
PRODUCT SYNONYMS

Collagen alpha-1 (XVII) chain (COL17A1); Recombinant Human Collagen alpha-1 (XVII) chain (COL17A1); partial; COL17A1 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	1253-1497aa; Partial
Sequence	YLTSPDVRSF IVGPPGPPGP QGPPGDSRLL STDASHSRGS SSSSHSSSVR RGSSYSSSMS TGGGGAGSLG AGGAFGEAAG DRGPYGTDIG PGGGYGAAAE GGM YAGNGGL LGADFA GDLD YNELAVRVSE SMQRQGLLQG MAYTVQGPPG QPGPQGPPI SKVFSAYSNV TADLMDFQT YGAIQGP PGK KGEMGTPGPK GDRGPAGPPG HPGPPGPRGH KGEKGD KGDQ VYAGRRRRRS IAVKP
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COL17A1 recombinant protein	This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119829187
NCBI GeneID	1308
NCBI Accession #	NP_000485.3
NCBI GenBank Nucleotide #	NM_000494.3
UniProt Accession #	Q9UMD9; Q02802; Q5JV36; Q99018; Q9NQK9; Q9UC14
Molecular Weight	28.4 kDa
NCBI Official Full Name	collagen alpha-1(XVII) chain
NCBI Official Synonym Full Names	collagen type XVII alpha 1 chain
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	ERED; BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97

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/col17a1-recombinant-protein-e-coli/116209>