

Collagen alpha-1 (VIII) chain (COL8A1) Recombinant Protein | COL8A1 recombinant protein

Recombinant Human Collagen alpha-1 (VIII) chain (COL8A1)

CATALOG #
AAA113674

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Collagen alpha-1 (VIII) chain (COL8A1); Recombinant Human Collagen alpha-1 (VIII) chain (COL8A1); COL8A1 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	572-744aa; Partial
Sequence	AVMPPTPPPQ GEYLPDMGLG IDGVKPPHAY GAKKGKNGGP AYEMPAFTA E LTAPFPVGA PVKFNKLLYN GRQYNPQTG IFTCEVPGVY YFAYHVKCKG GNVWVALFKN NEPVMTYDE YKKGFLDQAS GSAVLLLRPG DRVFLQMPSE QAAGLYAGQY VHSSFSGYLL YPM
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 COL8A1 recombinant protein	This gene encodes one of the two alpha chains of type VIII collagen. The gene product is a short chain collagen and a major component of the basement membrane of the corneal endothelium. The type VIII collagen fibril can be either a homo- or a heterotrimer. Alternatively spliced transcript variants encoding the same isoform have been observed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17738302
NCBI GeneID	1295
NCBI Accession #	NP_001841.2
NCBI GenBank Nucleotide #	NM_001850.4
UniProt Accession #	P27658 ; Q53XI6 ; Q96D07 ; D3DN42
Molecular Weight	73,364 Da
NCBI Official Full Name	collagen alpha-1(VIII) chain
NCBI Official Synonym Full Names	collagen type VIII alpha 1 chain
NCBI Official Symbol	COL8A1
NCBI Official Synonym Symbols	C3orf7
NCBI Protein Information	collagen alpha-1(VIII) chain

UniProt Protein Name	Collagen alpha-1(VIII) chain
UniProt Gene Name	COL8A1
UniProt Synonym Gene Names	C3orf7

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/col8a1-recombinant-protein-e-coli/113674>