

Collagen alpha-1 (XII) chain (COL12A1) Recombinant Protein | COL12A1 recombinant protein

Recombinant Bovine Collagen alpha-1 (XII) chain (COL12A1)

CATALOG # AAA113801	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Collagen alpha-1 (XII) chain (COL12A1); Recombinant Bovine Collagen alpha-1 (XII) chain (COL12A1); COL12A1 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	1-86, Full length protein
Sequence	NQPGPPGPPG PPGSAGEPGP GGRPGFPGTP GMQGPQGERG LPGEXGERGL PGPPGPQGES RTGPPGSTGS RGPPGPPGRP GDSGIR
Sequence Length	86
Species	Bovine
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 COL12A1 recombinant protein	This gene encodes the alpha chain of type XII collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XII collagen is a homotrimer found in association with type I collagen, an association that is thought to modify the interactions between collagen I fibrils and the surrounding matrix. Alternatively spliced transcript variants encoding different isoforms have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31563303
NCBI GeneID	359712
UniProt Accession #	P25508
Molecular Weight	8,063 Da
NCBI Official Full Name	Collagen alpha-1(XII) chain
NCBI Official Synonym Full Names	collagen type XII alpha 1 chain
NCBI Official Symbol	COL12A1
NCBI Protein Information	collagen alpha-1(XII) chain
UniProt Protein Name	Collagen alpha-1(XII) chain
UniProt Gene Name	COL12A1

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/col12a1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113801>