Collagen alpha-2 (IV) chain (COL4A2) Recombinant Protein | COL4A2 recombinant protein

Recombinant Human Collagen alpha-2 (IV) chain (COL4A2) , partial

CATALOG #	HOST
AAA114024	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Collagen alpha-2 (IV) chain (COL4A2); Recombinant Human Collagen alpha-2 (IV) chain (COL4A2); partial; COL4A2 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	1493-1712aa; Partial
Sequence	VKHSQTDQEP MCPVGMNKLW SGYSLLYFEG QEKAHNQDLG LAGSCLARFS TMPFLYCNPG DVCYYASRND KSYWLSTTAP LPMMPVAEDE IKPYISRCSV CEAPAIAIAV HSQDVSIPHC PAGWRSLWIG YSFLMHTAAG DEGGGQSLVS PGSCLEDFRA TPFIECNGGR GTCHYYANKY SFWLTTIPEQ SFQGSPSADT LKAGLIRTHI SRCQVCMKNL
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 COL4A2 recombinant protein	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. The C-terminal portion of the protein, known as canstatin, is an inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256354
NCBI GeneID	1284
NCBI Accession #	NP_001837.2
NCBI GenBank Nucleotide #	NM_001846.3
UniProt Accession #	P08572; Q14052; Q548C3; Q5VZA9; Q66K23
Molecular Weight	28.3
NCBI Official Full Name	collagen alpha-2(IV) chain preproprotein
NCBI Official Synonym Full Names	collagen type IV alpha 2 chain
NCBI Official Symbol	COL4A2
NCBI Official Synonym Symbols	ICH; POREN2
NCBI Protein Information	collagen alpha-2(IV) chain

UniProt Protein Name	Collagen alpha-2(IV) chain
UniProt Gene Name	**COL4A2**

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/col4a2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114024