

Collagen alpha-3(IV) chain Recombinant Protein | COL4A3 recombinant protein

Recombinant Human Collagen alpha-3(IV) chain

CATALOG # AAA116196	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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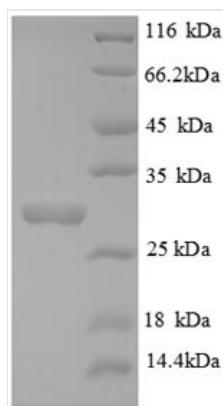
PRODUCT SYNONYMS

Collagen alpha-3(IV) chain; Recombinant Human Collagen alpha-3(IV) chain; Good pasture antigen; COL4A3 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	1427-1668aa; Partial
Sequence	GLKGKRGDSG SPATWTTTRGF VFTRHSQTTA IPSCPEGTVP LYSGFSLFV QGNQRAHGQD LGTLGSCLQR FTTMPFLFCN VNDVCNFASR NDYSYWLSTP ALMPMNMAPI TGRALEPYIS RCTVCEGPAI AIAVHSQTTD IPPCPHGWIS LWKGFSFIMF TSAGSEGTGQ ALASPGSCLE EFRASPFLEC HGRGTCNYYNS NSYSFWLASL NPERMFRKPI PSTVKAGELE KIISRCQVCM KK
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COL4A3 recombinant protein	Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen. Tumstatin, a cleavage fragment corresponding to the collagen alpha 3(IV) NC1 domain, possesses both anti-angiogenic and anti-tumor cell activity; these two anti-tumor properties may be regulated via RGD-independent ITGB3-mediated mechanisms.
Product Categories/Family for COL4A3 recombinant protein	Cell adhesion

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Erratum Quinones S., Bernal D., Garcia-Sogo M., Elena S.F., Saus J.J. *Biol. Chem.* 269:17358-17358(1994)

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NCBI AND UNIPROT INFORMATION

NCBI GI #	89142730
NCBI GeneID	1285
NCBI Accession #	NP_000082.2
NCBI GenBank Nucleotide #	NM_000091.4
UniProt Accession #	Q01955; Q53QQ1; Q53R14; Q53RW8; Q9BQT2; Q9NYC4; Q9UDJ9; Q9UDK9; Q9UDL0; Q9UDL1
Molecular Weight	30.6 kDa
NCBI Official Full Name	collagen alpha-3(IV) chain
NCBI Official Synonym Full Names	collagen type IV alpha 3
NCBI Official Symbol	COL4A3
NCBI Protein Information	collagen alpha-3(IV) chain
UniProt Protein Name	Collagen alpha-3(IV) chain
UniProt Gene Name	COL4A3
UniProt Entry Name	CO4A3_HUMAN

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