

Cartilage matrix protein (MATN1) Recombinant Protein | MATN1 recombinant protein

Recombinant Human Cartilage matrix protein (MATN1)

CATALOG #
AAA81668

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cartilage matrix protein (MATN1); Recombinant Human Cartilage matrix protein (MATN1); MATN1 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	23-496aa; Full Length of Mature Protein
Sequence	SPGLAPQSRG HLCRTRPTDL VFVVDSSRSV RPVEFEKVKV FLSQVIESLD VGPNATRVGM VNYASTVKQE FSLRAHVSKA ALLQAVRRIQ PLSTGTM TGL AIQFAITKAF GDAEGGRSRS PDISKVIVV TDGRPQDSVQ DVSARARASG VELFAIGVGS VDKATLRQIA SEPQDEHVDY VESYSVIEKL SRKFQEAFCV VSDLCATGDH DCEQVCISSP GSYTCACHEG FTLNSDGKTC NVCSGGGGSS ATDLVFLIDG SKSVRPENFE LVKKFISQIV DTLDVSDKLA QVGLVQYSSS VRQEFPLGRF HTKKDIKAAV RNMSYMEKGT MTGAALKYLI DNSFTVSSGA RPGAQKVGIV FTDGRSQDYI NDAKKAKDL GFKMFAVGVG NAVEDELREI ASEPVAEHYF YTADFKTINQ IGKKLQKKIC VEEDPCACES LVKFQAKVEG LLQALTRKLE AVSKRLAILE NTVV
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 MATN1 recombinant protein	This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with variety of inherited chondrodysplasias.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505111
NCBI GeneID	4146
NCBI Accession #	NP_002370.1
NCBI GenBank Nucleotide #	NM_002379.3
UniProt Accession #	P21941; Q5TBB9; B2R7E3
Molecular Weight	53,701 Da
NCBI Official Full Name	cartilage matrix protein
NCBI Official Synonym Full Names	matrilin 1
NCBI Official Symbol	MATN1
NCBI Official Synonym Symbols	CMP; CRTM

NCBI Protein Information	cartilage matrix protein
UniProt Protein Name	Cartilage matrix protein
UniProt Gene Name	MATN1
UniProt Synonym Gene Names	CMP; CRTM

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/matn1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81668>