



Recombinant Human Matrilin-4 (MATN4)

Product Code	CSB-MP013523HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95460
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	TQ LQLTGPRCHT GPLDLVFVID SSRSVRPFEF ETMRQFLMGL LRGLNVGPNA TRVGVIQYSS QVQSVFPLRA FSRREDMERA IRDLVPLAQQ TMTGLAIQYA MNVAFSVAEG ARPPEERVPR VAVIVTDGRP QDRVAEVAAQ ARARGIEIYA VGVQRADVGS LRAMASPPLD EHVFLVESFD LIQEFGLQFQ SRLCGKDQCA EGGHGCQHQC VNAWAMFHCT CNPGYKLAAD NKSCLAIDLK AEGTHGCEHH CVNSPGSYFC HCQVGFVLQQ DQRSCRAIDY CSFGNHSCQH ECVSTPGGPR CHCREGHDLQ PDGRSCQVRD LCNGVDHGCE FQCVSEGLSY RCLCPEGRQL QADGKSCNRC REGHVDLVLL VDGSKSVRPQ NFELVKRFVN QIVDFLDVSP EGTRVGLVQF SSRVRTEFPL GRYGTAAEVK QAVLAVEYME RGTMTGLALR HMVEHSFSEA QGAPRALNV PRVGLVFTDG RSQDDISVWA ARAKEEGIVM YAVGVGKAVE AELREIASEP AELHVSYPAD FGTMTLLEN LRGSICPEEG ISAGTELRSP CECESLVEFQ GRTLGALES LNLQAQLTAR LEDLENQLAN QK
Source	Mammalian cell
Target Names	MATN4
Protein Names	Recommended name: Matrilin-4
Expression Region	19-622
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of von Willebrand factor A domain containing protein family. The proteins of this family are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. The specific function of this gene product has not yet been determined. Three alternatively spliced variants have been described.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.