



# Recombinant Human Matrilin-4 (MATN4)

<b>Product Code</b>	CSB-EP013523HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95460
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 QGARPRLNV PRVGLVFTDG RSQDDISVWA ARAKEEGIVM YAVGVGKAVE AELREIASEP AELHVSYPAD FGTMTLLEN LRGSICPEEG ISAGTELRSP CECESLVEFQ GRTLGALES LTLNLAQLTAR LEDLENQLAN QK
<b>Source</b>	E.coli
<b>Target Names</b>	MATN4
<b>Protein Names</b>	Recommended name: Matrilin-4
<b>Expression Region</b>	19-622
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.