



# Recombinant Human Matrilin-3 (MATN3)

<b>Product Code</b>	CSB-BP013522HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O15232
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>DP VARGFRRLE TRGPGGSPGR RPSPAAPDGA PASGTSEPGR            ARGAGVCKSR PLDLVFIIDS SRSVRPLEFT KVKTFVSR II DTLDIGPADT            RVAVVNYAST VKIEFQLQAY TDKQSLKQAV GRITPLSTGT MSGLAIQTAM            DEFTVEAGA REPSSNIPKV AIIVTDGRPQ DQVNEVAARA QASGIELYAV            GVDRADMASL KMMASEPLEE HVFVYETYGV IEKLSSRFQE TFCALDPCVL            GTHQCQHVC I SDGEGKHHCE CSQGYTLNAD KKTCSALDR C ALNTHGCEHI            CVNDRSGSYH CECYEGYTLN EDRKTCSAQD KCALGTHGCQ HICVNDRTGS            HHCECYEGYT LNADKKTCSV RDKCALGSHG CQHICVSDGA ASYHCDCYPG            YTLNEDKKTC SATEEARRLV STEDACGCEA TLAFAQDKVSS YLQRLNTKLD            DILEKLKINE YGQIHR</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	MATN3
<b>Protein Names</b>	Recommended name: Matrilin-3
<b>Expression Region</b>	29-486
<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. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains two von Willebrand factor A domains; it is present in the cartilage extracellular matrix and has a role in the development and homeostasis of cartilage and bone. Mutations in this gene result in multiple epiphyseal dysplasia.
<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.