



Recombinant Human Matrilin-3 (MATN3)

Product Code	CSB-MP013522HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15232
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	DP VARGFRRLE TRGPGGSPGR RPSAAPDGA PASGTSEPGR ARGAGVCKSR PLDLVFIIDS SRSVRPLEFT KVKTFVSRII DTLDIGPADT RVAVVNYAST VKIEFQLQAY TDKQSLKQAV GRITPLSTGT MSGLAIQTAM DEAFTVEAGA 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 YTLNEDKKT C SATEEARRLV STEDACGCEA TLAFAQDKVSS YLQRLNTKLD DILEKLKINE YGQIHR
Source	Mammalian cell
Target Names	MATN3
Protein Names	Recommended name: Matrilin-3
Expression Region	29-486
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. 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.
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.