

Product datasheet for **TP321773**

Matrilin 3 (MATN3) (NM_002381) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human matrilin 3 (MATN3), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC221773 representing NM_002381 Red =Cloning site Green =Tags(s) |

MPRPAPARRLPGLLLLLWPLLLLPSAAPDPVARPGFRRLETRGPGGSPGRRPSPAAPDGAPASGTSEPGR
ARGAGVCKSRPLDLVFIIDSSRSVRPLEFTKVKTFSRIIDTLDIGPADTRVAVVNYASTVKIEFQLQAY
TDKQSLKQAVGRITPLSTGTMSGLAIQTAMDEAFTVEAGAREPSSNIPKVAIVTDGRPQDQVNEVAARA
QASGIELYAVGVDRADMASLKMMASEPLEEHVFYVETYGVIEKLSSRFQETFCALDPCVLGTHQCQHVC
SDGEGKHHCECSQGYTLNADKKTCSALDRCALNTHGCEHICVNDRSGSYHCECYEGYTLNEDRKTCSAQD
KCALGTHGCQHICVNDRTGSHHCECYEGYTLNADKKTCSVRDKCALGSHGCQHICVSDGAASYHCDCYPG
YTLNEDKKTCSATEEARRLVSTEDACGCEATLAFQDKVSSYLQRLNKLDDILEKLKINEYQIHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 49.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_002372 |



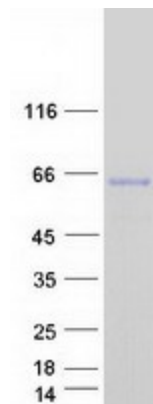
[View online »](#)

Locus ID: 4148
UniProt ID: [O15232](#)
RefSeq Size: 2599
Cytogenetics: 2p24.1
RefSeq ORF: 1458
Synonyms: DIPOA; EDM5; HOA; OADIP; OS2; SEMDBCD

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified MATN3 protein (Cat# TP321773). The protein was produced from HEK293T cells transfected with MATN3 cDNA clone (Cat# [RC221773]) using MegaTran 2.0 (Cat# [TT210002]).