

## Product datasheet for PH316227

### Matrilin 2 (MATN2) (NM\_002380) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MATN2 MS Standard C13 and N15-labeled recombinant protein (NP_002371)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216227
Predicted MW:	106.9 kDa
Protein Sequence:	>RC216227 representing NM_002380 Red=Cloning site Green=Tags(s)

MEKMLAGCFLLILGQIVLLPAEARERSRGRSISRGRHARTHPTALLESSCENKRADLVFIIDSSRSVNT  
HDYAKVKEFIVDILQFLDIGPDVTRVGLLQYGSTVKNESLKTFRKSEVERAVKMRHLSTGTMTGLAI  
QYALNIAFSEAEGARPLRENVPRVIMIVTDGRPQDSVAEVAAKARDTGILIFAIGVGQVDFNTLKSIGSE  
PHEDHVFLVANFSQIETLTSVFQKLLCTAHMCSTLEHNCAHFCINIPGSYVCRCKQGYILNSDQTTCRIQ  
DLCAMEDHNCEQLCVNVPGSFVCQCYSGYALAEKGKRCVAVDYCASENHGCEHECVNADGSYLCQCHEGF  
ALNPDEKCTKIDYASSNHGCQHECVNTDDSYSCHCLKGFTLNPKKTCRRINICALNKPGEHECVNM  
EESYYCRCHRGYTLDPNGKTCRVHDHCAQQDHGCEQLCLNTEDSFVCQCEGFLINEDLKTCSRVDYCLL  
SDHGCEYSCVNMDRSFACQCEGHVLRSDGKTCAKLDSCALGDHGCEHSCVSSSEDSFVCQCFEGYILRED  
GKTCRRKDVCQAIDHGCEHICVNSDDSYTCECLEGFRLTEDGKRCRRKDVCKSTHHGCEHICVNNGNSYI  
CKCSEGFVLAEDGRRCKCTEGPIDLVFVIDGSKSLGEENFEVVKQFVTGIIDSLTISPKAARVGLLQYS  
TQVHTEFTLRFNSAKDMKKAHAHMKYMGKSMTGLALKHMFERSFTQGEGARPLSTRVPRAAIVFTDGR  
AQDDVSEWASKAKANGITMYAVGVGKAIIEELQEIASPTNKHLFYAEDFSTMDEISEKLKKGICEALED  
SDGRQDSPAGELPKMVQQPTESEPVTINIQDLLSCSNFAVQHRYLFEEDNLLRSTQKLSHSTKPSGSPLE  
EKHDQCKCENLIMFQNLANEEVRKLTQRLEEMTQRMEALENRLRYR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



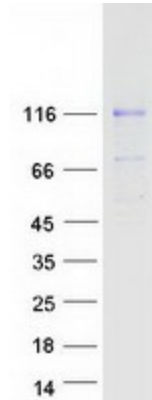
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RefSeq: [NP\\_002371](#)  
RefSeq Size: 4122  
RefSeq ORF: 2868  
Locus ID: 4147  
UniProt ID: [O00339](#), [A0A140VKH7](#), [Q8N2G3](#)  
Cytogenetics: 8q22.1-q22.2

**Summary:** This gene encodes a member of the 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 five von Willebrand factor A domains. The specific function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified MATN2 protein (Cat# [TP316227]). The protein was produced from HEK293T cells transfected with MATN2 cDNA clone (Cat# [RC216227]) using MegaTran 2.0 (Cat# [TT210002]).