

Recombinant Human MATN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MATN2-6611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MATN2 MS Standard C13 and N15-labeled recombinant protein (NP_002371) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	106.9 kDa
AA Sequence	MEKMLAGCFLILGQIVLLPAEARERSRGRSISRGRHARTHHPQTALLESSCENKRAD LVFIIDSSRSVNTHDYAKVKEFIVDILQFLDIGPDVTRVGLLQYGSTVKNEFSLKTFKR KSEVERAVKMRHLSTGMTGLAIQYALNIAFSEAEGARPLRENVPRVIMIVTDGRP QDSVAEVAAKARDTGILIFAIGVGQVDFNTLKSIGSEPHEDHVFLVANFSQIETLTSVF QKKLCTAHMCSTLEHNCAHF CINIPGSYVCRCKQGYILNSDQTTCRIQDLCAMEDHN CEQLCVNVPGSFVCQCYSGYALAEDGKRCVAVDYCASENHGCEHECVNADGSYL CQCHEGFALNPDEKTCTKIDYCASSNHGCQHECVNTDDSYSCHCLKGFTLNPKKT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CRRINYCALNKPGEHECVNMEESYYCRCHRGYTLDPNGKTC SRVDHCAQQDHG
 CEQLCLNTEDSFVCQCSEGFLINEDLKTC SRVDYCLLSDHGCEYSCVNMDRSFACQ
 CPEGHVLRSDGKTC AKLDSCALGDHGCEHSCVSSSEDSFVCQCFEGYILREDGKTC
 RRKDVCQAIDHGCEHICVNSDDSYTCECLEGFRLTEDGKRCRRKDVCKSTHHGCE
 HICVNNGNSYICKCSEGFVLAEDGRRCKKCTEGPIDLVFVIDGSKSLGEENFEVVKQ
 FVTGIIDSLTISPKAARVGLLQYSTQVHTEFTLRNFNSAKDMKKAVAHMKYMGK GSM
 TGLALKHMFERSFTQGEGARPLSTRVPRAAIVFTDGRAQDDVSEWASKAKANGITM
 YAVGVGKAIEEELQEIASEPTNKHLYAEDFSTMD EISEKLKKGICEALEDSDGRQDS
 PAGELPKMVQQPTESEPVTINIQLLSCSNFAVQHRYLFEEDNLLRSTQKLSHSTKP
 SGSPLEEKHDQCKCENLIMFQNLANEEVRKLTQRLEEMTQRMEALENRLRYRTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [MATN2 matrilin 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [MATN2](#)

Synonyms MATN2; matrilin 2; matrilin-2; testis tissue sperm-binding protein Li 94mP

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Gene ID	4147
mRNA Refseq	NM_002380
Protein Refseq	NP_002371
MIM	602108
UniProt ID	O00339
SDS-PAGE	