

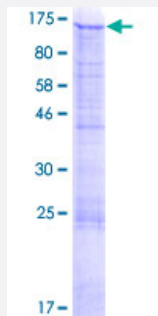
Full-Length

MATN2 (Human) Recombinant Protein (P01)

Catalog # H00004147-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MATN2 full-length ORF (NP_085072.2, 1 a.a. - 937 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEKMLAGCFLLILGQVLLPAEARERSRGRSISRGRHARTHPTALLESSCENKRADLVFIIDSSRS
VNTHDYAKVKEFMDILQFLDIGPDVTRVGLLQYGSTVKNEFSKTFKRKSEVERAVKMRHLSTG
TMTGLAIQYALNIAFSEAEGARPLRENVPRVIMVTDGRPQDSVAEVAAKARDTGILIFAIGVGQVDF
NTLKSIGSEPHEDHVFLVANFSQIETLTSVFQKKLCTAHMCSTLEHNCAHFCINIPGSYVCRCKQGY
ILNSDQTTCRIQDLCAMEDHNCEQLCVNVPGSFVCQCYSGYALAEDGKRCVAVDYCASENHGC
EHECVNADGSYLCQCHEGFALNPDKKTCTKIDYCASSNHGCQHECVNTDDSYSCHCLKGFTLNP
DKKTCRRINICALNKPGEHECVNMEESYYCRCHRGYTLDPNGKTCRVHDHCAQQDHGCEQLC
LNTEDSFVCQCSEGFILNEDLKTCSRVDYCLLSHDHGCEYSCVNMDRSFACQCPEGHVLRSBGK
TCAKLDSCALGDHGCEHSCVSSSEDSFVCQCFEYILREDGKTCRRKDVCAIDHGCEHICVNSD
DSYTCECLEGFRLAEDGKRCRRKDVCKSTHHGCEHICVNNGNSYICKCSEGFVLAEDGRRCKKC
TEGPIDLVFVIDGSKSLGEENFEVVKQFVTGIIDSLTISPKAARVGLLQYSTQVHTEFTLRNFNSAKD
MKAHAHMKYMGKGSMTGLALKHMFERSFTQGEGARPLSTRVPRAAVFTDGRAQDDVSEWAS
KAKANGITMYAVGVGKAIEEELQEIASEPTNKHLYAEDFSTMDEISEKLKKGICEALEDSDGRQD
SPAGELPKTVQQPTVQHRYLFEEDNLLRSTQKLSHSTKPSGSPLEEKHDQCKCENLIMFQNLAN
EEVRKLTQRLEEMTQRMEALENRLRYR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

131.2

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MATN2

Entrez GeneID	4147
GeneBank Accession#	NM_030583.2
Protein Accession#	NP_085072.2
Gene Name	MATN2
Gene Alias	-
Gene Description	matrilin 2
Omim ID	602108
Gene Ontology	Hyperlink
Gene 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]
Other Designations	-

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)