

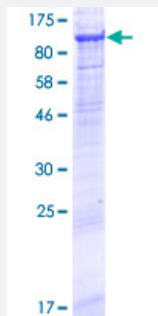
Full-Length

MMEL1 (Human) Recombinant Protein (P01)

Catalog # H00079258-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MMEL1 full-length ORF (AA101031.1, 1 a.a. - 779 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGKSEGPVGMVESAGRAGQKRPGFLEGGLLLLLLLLVTAALVALGVLYADRRGKQLPRLASRLCF
LQEERTFVKRKPRGIPEAQEVSEVCTTPGCVIAAARILQNMDPTTEPCDDFYQFACGGWLRRHVI
PETNSRYSIFDVLRLDELEVILKAVLENSTAKDRPAVEKARTLYRSCMNQSVIEKRGSQLLDILEVV
GGWPVAMDRWNETVGLEWELERQLALMNSQFNRRVLIDLFWNDDQNSSRHIIYDQPTLGMPSR
EYYFNGGSNRKVVREAYLQFMVSVATLLREDANLPRDSCLVQEDMVQVLELETQLAKATVPQEER
HDVIALYHRMGLEELQSQFGLKGFNWTLFIQTVLSSVKIKLLPDEEVVVYGIPYLQNLNIIIDTYSARTI
QNYLVWRLVLDRIQSLSQRFKDRVNYRKALFGTMVEEVRWRECVGYVNSNMENAVGSLYVREA
FPGDSKSMVRELIDKVRTVFVETLDELGWIDEESKKKAQEKAMSIREQIGHPDYLEETNRRLDEE
YSNLFSEDLYFENSLQNLKVGARSLRKLREKVDPNLWIIGAAVVNAFYSPNRNQVFPAGILQPP
FFSKEQPQALNFGGIGMVIGHEITHGFDDNGRNFDDKNGNMMDWWSNFSTQHFREQSECMYQYG
NYSWDLADEQNVNGFNTLGENIADNGGVRQAYKAYLKWMAEGGKDQQLPGLDLTHEQLFFINYA
QVWCGSYRPEFAIQSIKTDVHSPKRYRLVLSLQNLAAAFADTFHCARGTPMHPKERCRVW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

115.7

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 — MMEL1

Entrez GeneID	79258
GeneBank Accession#	BC101030.1
Protein Accession#	AAI01031.1
Gene Name	MMEL1
Gene Alias	MGC119454, MGC119455, MGC119456, MMEL2, NEP2, NEPII, NL1, NL2, SEP
Gene Description	membrane metallo-endopeptidase-like 1
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the neutral endopeptidase (NEP) or membrane metallo-endopeptidase (MME) family. Family members play important roles in pain perception, arterial pressure regulation, phosphate metabolism and homeostasis. This protein is a type II trans membrane protein and is thought to be expressed as a secreted protein. This gene is expressed mainly in testis with weak expression in the brain, kidney, and heart. [provided by RefSeq]
Other Designations	membrane metallo-endopeptidase-like 2 neprilysin-2 soluble secreted endopeptidase zinc metallopeptidase

Disease

- [Arthritis](#)
- [Celiac Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Wegener Granulomatosis](#)