

Recombinant Human MMEL1 Protein, GST-tagged

Cat. No. MMEL1-5411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMEL1 full-length ORF (AAI01031.1, 1 a.a. - 779 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 transmembrane 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
Molecular Mass	115.7 kDa
AA Sequence	MGKSEGPVGMVESAGRAGQKRPGFLEGGLLLLLLLLVTAALVALGVLYADRRGKQLP RLASRLCFLQEERTFVKRKPRGIPEAQEVSEVCTTPGCVIAAARILQNMDPTTEPCD DFYQFACGGWLR RHVIPETNSRYSIFDVL RDELEVILKAVLENSTAKDRPAVEKARTL YRSCMNQSVIEKRG SQPLLDILEVVGWPVAMDRWNETVGLEWELERQLALMNSQ FNRRVLIDLFIWNDDQNSSRHIIYIDQPTLGMP SREYFNGG SNRKVREAYLQFMVS VATLLREDANLPRD SCLVQEDMVQVLELETQLAKATVPQEERHDVIALYHRMGLEEL QSQFGLKGFNWT LFIQTVLSSVKIKLLPDEEVVVYGIPYLQNL ENIIDTYSARTIQNYLV WRLVLDRIGSL SQRFKDTRVNYRKALFGTMVEEVRWREC VGYVNSNMENAVGSLY

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VREAFPGDSKSMVRELIDKVRTVFVETLDELGWIDEESKKKAQEKAMSIREQIGHPD
YILEETNRRLDEEYSNLNFSEDLYFENSLQNLKVGAQRSLRKLREKVDPNLWIIGAAV
VNAFYSPNRNQIVFPAGILQPPFFSKEQPQALNFGGIGMVIGHEITHGFDDNGRNF
KNGNMMDWWSNFSTQHFREQSECMYQYGNYSWDLADEQNVNGFNTLGENIADN
GGVRQAYKAYLKWMAEGGKDQQLPGLDLTHEQLFFINYAQVWCGSYRPEFAIQSIK
TDVHSPLKYRVLGSLQNLAADFADTFHCARGTPMHPKERCVRW

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

MMEL1 membrane metallo-endopeptidase-like 1 [Homo sapiens]

Official Symbol

MMEL1

Synonyms

MMEL1; membrane metallo-endopeptidase-like 1; membrane metallo endopeptidase like 2 , MMEL2; NEPII; NL1; NL2; SEP; NEP2(m); neprilysin-2; neprilysin II; zinc metallopeptidase; soluble secreted endopeptidase; membrane metallo-endopeptidase-like 2; NEP2; MMEL2; MGC119454; MGC119455; MGC119456;

Gene ID

79258

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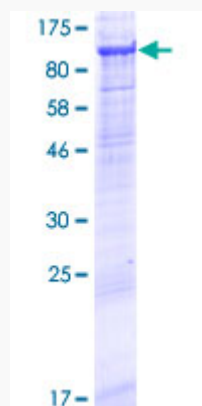
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mRNA Refseq NM_033467

Protein Refseq NP_258428

UniProt ID Q495T6

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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