Recombinant Full Length Human MMEL1 Protein, GST-tagged

Cat. No. MMEL1-6395HF **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	In Vitro Cell Free System
ProteinLength	779 amino acids
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	MGKSEGPVGMVESAGRAGQKRPGFLEGGLLLLLLLVTAALVALGVLYADRRGKQLP RLASRLCFLQEERTFVKRKPRGIPEAQEVSEVCTTPGCVIAAARILQNMDPTTEPCD DFYQFACGGWLRRHVIPETNSRYSIFDVLRDELEVILKAVLENSTAKDRPAVEKARTL YRSCMNQSVIEKRGSQPLLDILEVVGGWPVAMDRWNETVGLEWELERQLALMNSQ FNRRVLIDLFIWNDDQNSSRHIIYIDQPTLGMPSREYYFNGGSNRKVREAYLQFMVS VATLLREDANLPRDSCLVQEDMVQVLELETQLAKATVPQEERHDVIALYHRMGLEEL QSQFGLKGFNWTLFIQTVLSSVKIKLLPDEEVVVYGIPYLQNLENIIDTYSARTIQNYLV

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

	WRLVLDRIGSLSQRFKDTRVNYRKALFGTMVEEVRWRECVGYVNSNMENAVGSLY VREAFPGDSKSMVRELIDKVRTVFVETLDELGWIDEESKKKAQEKAMSIREQIGHPD YILEETNRRLDEEYSNLNFSEDLYFENSLQNLKVGAQRSLRKLREKVDPNLWIIGAAV VNAFYSPNRNQIVFPAGILQPPFFSKEQPQALNFGGIGMVIGHEITHGFDDNGRNFD KNGNMMDWWSNFSTQHFREQSECMIYQYGNYSWDLADEQNVNGFNTLGENIADN GGVRQAYKAYLKWMAEGGKDQQLPGLDLTHEQLFFINYAQVWCGSYRPEFAIQSIK TDVHSPLKYRVLGSLQNLAAFADTFHCARGTPMHPKERCRVW
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

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

mRNA Refseq	NM_033467
Protein Refseq	NP_258428
MIM	618104
UniProt ID	Q495T6

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