

Active Recombinant Human MMEL1, His-tagged

Cat. No. MMEL1-384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMEL1 (Accession # AAL08942) Gly69-Trp770, fused with an N-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	69-770 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and ZnCl ₂ .
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK(Dnp)-OH .The specific activity is >250 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human MMEL1, His-tagged has a calculated MW of 82 kDa. In SDS-PAGE migrates as 99 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
mRNA Refseq	NM_033467
Protein Refseq	NP_258428
MIM	
UniProt ID	Q495T6
Chromosome Location	1p36

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