

## Active Recombinant Mouse Mme

**Cat. No.** Mme-168M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mme (Accession # AAA37386) Tyr52-Trp750 was produced in Spodoptera frugiperda, Sf 21 (stably transfected)-derived.
<b>Species</b>	Mouse
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	52-750 a.a.
<b>Predicted N Terminal</b>	Tyr52
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK(Dnp)-OH .The specific activity is >2,000 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Mme has a calculated MW of 80 kDa. In SDS-PAGE migrates as 81 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

<b>Gene Name</b>	Mme membrane metallo endopeptidase [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Mme
<b>Synonyms</b>	MME; membrane metallo endopeptidase; neprilysin; enkephalinase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; common acute lymphoblastic leukemia antigen; NEP; SFE; CD10; CALLA; C85356; 6030454K05Rik;
<b>Gene ID</b>	17380
<b>mRNA Refseq</b>	NM_008604
<b>Protein Refseq</b>	NP_032630
<b>MIM</b>	

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