

# Active Recombinant Mouse Mme, His-tagged

**Cat. No.** Mme-169M    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Mme (Accession # AAA37386) Tyr52-Trp750, fused with an N-terminal 5-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.                                  |
| <b>Species</b>              | Mouse                                                                                                                                                                                         |
| <b>Source</b>               | CHO                                                                                                                                                                                           |
| <b>ProteinLength</b>        | 52-750 a.a.                                                                                                                                                                                   |
| <b>Predicted N Terminal</b> | His                                                                                                                                                                                           |
| <b>Form</b>                 | Supplied as a 0.2 μ filtered solution in Tris, NaCl and ZnCl <sub>2</sub> .                                                                                                                   |
| <b>Bio-activity</b>         | Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK(Dnp)-OH .The specific activity is >3,000 pmol/min/μg, as measured under the described conditions.          |
| <b>Molecular Mass</b>       | Recombinant Mouse Mme, His-tagged has a calculated MW of 81 kDa. In SDS-PAGE migrates as 97 kDa, under 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

|                 |                                                                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Mme membrane metallo endopeptidase [ Mus musculus ]                                                                                                                                                                               |
| Official Symbol | Mme                                                                                                                                                                                                                               |
| Synonyms        | 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; |
| Gene ID         | 17380                                                                                                                                                                                                                             |
| mRNA Refseq     | NM_008604                                                                                                                                                                                                                         |
| Protein Refseq  | NP_032630                                                                                                                                                                                                                         |
| MIM             |                                                                                                                                                                                                                                   |

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