Active Recombinant Mouse Mme, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	52-750 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl and ZnCl2.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Mme, His-tagged has a calculated MW of 81 kDa. In SDS-PAGE migrates as 97 kDa, under 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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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