

Active Recombinant Mouse Mme protein, His-tagged

Cat. No. Mme-266M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mme protein(NP_032630.2)(Tyr52-Trp750), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Tyr52-Trp750
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK-(Dnp)-OH.The specific activity is > 3000 pmoles/min/μg.
Molecular Mass	The secreted recombinant mouse Mme consists of 715 amino acids and has a calculated molecular mass of 82.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 90-100 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE

 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

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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