

## Recombinant Rat MME protein, His-tagged

**Cat. No.** MME-3707R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat MME protein(P07861)(Tyr52-Trp750), fused with His tag, was expressed in HEK293.                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Tyr52-Trp750                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                        |
| <b>Molecular Mass</b>   | The recombinant rat MME comprises 719 amino acids and has a predicted molecular mass of 82.5 kDa. The apparent molecular mass of the protein is approximately 93 kDa in SDS-PAGE under reducing conditions.                                       |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                    |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 \[ Rattus norvegicus \]](#)

**Official Symbol** [MME](#)

**Synonyms**

MME; membrane metallo-endopeptidase; neprilysin; enkephalinase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo endopeptidase; membrane metallo-endopeptidase (neutral endopeptidase/enkephalinase); Nep; SFE; CD10; MGC93576;

**Gene ID** [24590](#)

**mRNA Refseq** [NM\\_012608](#)

**Protein Refseq** [NP\\_036740](#)

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