

Recombinant Mouse Mme Protein, Myc/DDK-tagged

Cat. No. Mme-4097M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length membrane metallo endopeptidase (Mme), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9. Involved in the degradation of atrial natriuretic factor (ANF). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers.
Molecular Mass	86.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Mme membrane metallo endopeptidase \[Mus musculus \(house mouse\) \]](#)

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](#)

UniProt ID [Q61391](#)

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