

Recombinant Rat Mme protein, His-tagged

Cat. No. Mme-1793R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mme aa. (Ser32~Ile164 (Accession # P07861)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser32~Ile164
Description	Zinc-containing metallo-enzyme; involved in degradation of cardiac peptides.
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Mme membrane metallo-endopeptidase [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Mme
Synonyms	CHRN3; cholinergic receptor nicotinic beta 3 subunit; neuronal acetylcholine receptor subunit beta-3; acetylcholine receptor, neuronal nicotinic, beta-3 subunit; acetylcholine receptor, nicotinic, beta 3 (neuronal); cholinergic receptor, nicotinic beta 3; cholinergic receptor, nicotinic, beta 3 (neuronal); cholinergic receptor, nicotinic, beta polypeptide 3
Gene ID	24590
mRNA Refseq	NM_012608.2
Protein Refseq	NP_036740.1
UniProt ID	P07861

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