

Recombinant Rat Mme protein, His & GST-tagged

Cat. No. Mme-1794R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mme aa. (Ala286~Val428 (Accession # P07861)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala286~Val428
Description	Zinc-containing metallo-enzyme; involved in degradation of cardiac peptides.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.0kDa.
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 lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in ddH₂O.

GENE INFORMATION

Gene Name

Mme membrane metallo-endopeptidase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Mme

Synonyms

Chrna10; cholinergic receptor nicotinic alpha 10 subunit; neuronal acetylcholine receptor subunit alpha-10; NACHR alpha-10; cholinergic receptor, nicotinic, alpha 10 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 10; neuronal nicotinic acetylcholine receptor subunit; nicotinic acetylcholine receptor subunit alpha-10

Gene ID

24590

mRNA Refseq

NM_012608.2

Protein Refseq

NP_036740.1

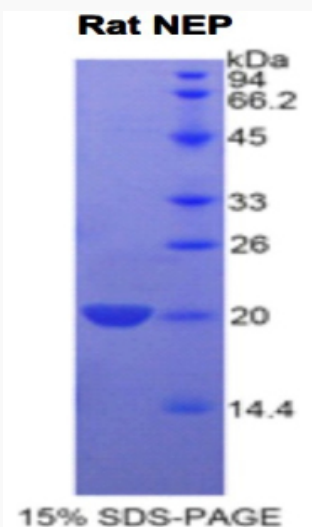
UniProt ID

P07861

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SDS-PAGE

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