

Recombinant Rat Mep1a Protein, His-tagged

Cat. No. Mep1a-1772R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mep1a Protein (Asn221-Gly465) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asn221-Gly465
Description	Predicted to enable metalloendopeptidase activity. Part of meprin A complex. Orthologous to human MEP1A (meprin A subunit alpha).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.5 kDa Accurate Molecular Mass: 18&32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Mep1a meprin 1 alpha [Rattus norvegicus (Norway rat)]
Official Symbol	Mep1a
Synonyms	MEP1A; meprin 1 alpha; meprin A subunit alpha; MEP-1; E-24.18; meprin A alpha; endopeptidase-2; endopeptidase-24.18 subunit alpha;
Gene ID	25684
mRNA Refseq	NM_013143
Protein Refseq	NP_037275
UniProt ID	Q64230

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