

Active Recombinant Mouse Mep1a Protein, His-tagged

Cat. No. Mep1a-609M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mep1a (Accession # NP_032611) Val34-Arg615, fused with a C-terminal 10-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Mouse
Source	Sf21 Cells
ProteinLength	Val34-Arg615
Predicted N Terminal	Val34
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH. The specific activity is >400 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Mep1a, His-tagged has a calculated MW of 68 kDa. In SDS-PAGE migrates as 80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name [Mep1a meprin 1 alpha \[Mus musculus \]](#)

Official Symbol [Mep1a](#)

Synonyms MEP1A; meprin 1 alpha; meprin A subunit alpha; meprin alpha; endopeptidase-2; meprin A alpha-subunit; Mep1; Mep-1; Mep-1a; AI098089; AW107200;

Gene ID [17287](#)

mRNA Refseq [NM_008585](#)

Protein Refseq [NP_032611](#)

MIM

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