

## Active Recombinant Human MEP1A, His-tagged

Cat. No. MEP1A-156H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MEP1A (Accession # AAA21338) Val22-Gln601 & Leu27-Gln601, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	22-601;27-601 a.a.
<b>Predicted N Terminal</b>	Val22 and Leu27
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH .The specific activity is >500 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human MEP1A, His-tagged has a calculated MW of 67 kDa. In SDS-PAGE migrates as 86 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

<b>Gene Name</b>	MEP1A meprin A, alpha (PABA peptide hydrolase) [ Homo sapiens ]
<b>Official Symbol</b>	MEP1A
<b>Synonyms</b>	MEP1A; meprin A, alpha (PABA peptide hydrolase); meprin A subunit alpha; PPHA; PPH alpha; endopeptidase-2; PABA peptide hydrolase; bA268F1.1 (meprin A alpha (PABA peptide hydrolase)); N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit alpha;
<b>Gene ID</b>	4224
<b>mRNA Refseq</b>	NM_005588
<b>Protein Refseq</b>	NP_005579
<b>MIM</b>	600388
<b>UniProt ID</b>	Q16819
<b>Chromosome Location</b>	6p12-p11

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