Active Recombinant Human MEP1A, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	22-601;27-601 a.a.
Predicted N Terminal	Val22 and Leu27
Form	Supplied as a 0.2 μm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH .The specific activity is >500 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human MEP1A, His-tagged has a calculated MW of 67 kDa. In SDS-PAGE migrates as 86 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 (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	MEP1A meprin A, alpha (PABA peptide hydrolase) [Homo sapiens]
Official Symbol	MEP1A
Synonyms	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;
Gene ID	4224
mRNA Refseq	NM_005588
Protein Refseq	NP_005579
MIM	600388
UniProt ID	Q16819
Chromosome Location	6p12-p11

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