

Active Recombinant Human MEP1B Protein, His-tagged

Cat. No. MEP1B-562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MEP1B (Accession # NP_005916) Leu21-Ser593 & Thr23-Ser593, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Leu21-Ser593 & Thr23-Ser593
Predicted N Terminal	Leu21 & Thr23
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-SEVNLDAEFRK(Dpn)RR-NH ₂ . The specific activity is >350 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human MEP1B, His-tagged has a calculated MW of 66 kDa. In SDS-PAGE migrates as 85 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	MEP1B meprin A, beta [Homo sapiens]
Official Symbol	MEP1B
Synonyms	MEP1B; meprin A, beta; meprin A subunit beta; PPH beta; meprin B; endopeptidase-2; PABA peptide hydrolase; N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit beta; N-benzoyl-L-tyrosyl-p-amino-benzoic acid hydrolase beta subunit;
Gene ID	4225
mRNA Refseq	NM_005925
Protein Refseq	NP_005916
MIM	600389
UniProt ID	Q16820
Chromosome Location	18q12.2-q12.3

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