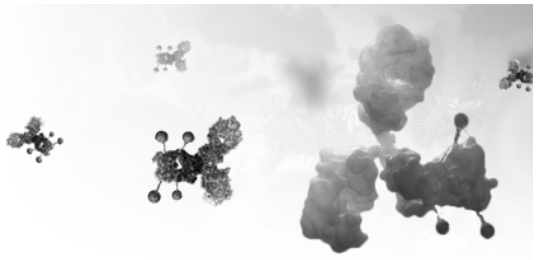

MEP1B peptide (DAG-P0857)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes, and in leukocytes and certain cancer cells. They are involved in the hydrolysis of a variety of peptide and protein substrates, and have been implicated in cancer and intestinal inflammation. Mature meprins are oligomers of evolutionarily related, but separately encoded alpha and/or beta subunits. Homooligomers of alpha subunit are secreted, whereas, oligomers containing the beta subunit are plasma membrane-bound. This gene encodes the beta subunit. Targeted disruption of this gene in mice affects embryonic viability, renal gene expression profiles, and distribution of the membrane-associated alpha subunit in kidney and intestine. [provided by RefSeq, Oct 2011]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	MEP1B meprin A, beta [Homo sapiens (human)]

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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;
Entrez Gene ID	4225
mRNA Refseq	NM_005925.2
Protein Refseq	NP_005916.2
UniProt ID	Q16820
Chromosome Location	18q12.2-q12.3
Pathway	Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;
Function	metalloendopeptidase activity; protein binding; zinc ion binding;

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