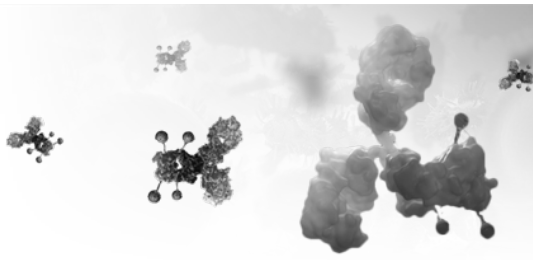

MEP1A peptide (DAG-P0856)

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. Mature meprins are oligomers of evolutionarily related, separately encoded alpha and/or beta subunits. Homooligomers of meprin-alpha are secreted; oligomers containing meprin-beta are associated with the plasma membrane. Substrates include bioactive peptides and extracellular matrix proteins.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase M12A family.Contains 1 EGF-like domain.Contains 1 MAM domain.Contains 1 MATH domain.
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	MEP1A meprin A, alpha (PABA peptide hydrolase) [Homo sapiens (human)]

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Official Symbol	MEP1A
Synonyms	MEP1A; meprin A, alpha (PABA peptide hydrolase); PPHA; meprin A subunit alpha; 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;
Entrez Gene ID	4224
mRNA Refseq	NM_005588.2
Protein Refseq	NP_005579.2
UniProt ID	Q16819
Chromosome Location	6p12-p11
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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