MPPED1 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MPPED1, Blocking Peptide
Full Product Name	MPPED1 Peptide - middle region
Product Gene Name	MPPED1 blocking peptide
Product Synonym Gene Name	239AB; C22orf1; FAM1A; FLJ50009; FLJ54633; FLJ59965; FLJ78907; MGC88045
Sequence	YEYKIVIAGN HELTFDQEFM ADLIKQDFYY FPSVSKLKPE NYENVQSLLT
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	MPPED1 peptide (MBS3240602) is used for blocking the activity of MPPED1 antibody (MBS3215699)
Molecular Weight	37kDa
OMIM	602112
Product Categories/Family for MPPED1 blocking peptide	Peptide
Applications Tested/Suitable for MPPED1 blocking peptide	Western Blot (WB)
Related Product Information for MPPED1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-MPPED1 Antibody, made Target Description: MPPED1 may have metallophosphoesterase activity (in vitro).
Other Notes	Small volumes of MPPED1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MPPED1 purchase	MBS3240602 is a blocking peptide targeting MPPED1. Also known as MPPED1 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MPPED1. It may not necessarily be applicable to this product.

NCBI GI #	113204627
NCBI GeneID	758
NCBI Accession #	NP_001037835
UniProt Primary Accession #	O15442
UniProt Related Accession #	O15442
GenBank Nucleotide #	NM_001044370
NCBI Official Full Name	metallophosphoesterase domain-containing protein 1
NCBI Official Synonym Full Names	metallophosphoesterase domain containing 1

NCBI Official Symbol	MPPED1
NCBI Official Synonym Symbols	239AB; FAM1A; C22orf1
UniProt Protein Name	Metallophosphoesterase domain-containing protein 1
UniProt Synonym Protein Names	Adult brain protein 239; 239AB
Protein Family	Metallophosphoesterase domain-containing protein
UniProt Gene Name	MPPED1
UniProt Synonym Gene Names	C22orf1; FAM1A; 239AB
UniProt Entry Name	MPPD1_HUMAN
NCBI Protein Information	metallophosphoesterase domain-containing protein 1
UniProt Comments for MPPED1	MPPED1: May have metallophosphoesterase activity (in vitro). Belongs to the UPF0046 family Chromosomal Location of Human Ortholog: 22q13.31 Molecular Function: hydrolase activity Biological Process: metabolic process
Research Articles on MPPED1	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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