MTMR6 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MTMR6, Blocking Peptide
Full Product Name	MTMR6 Peptide - C-terminal region
Product Gene Name	MTMR6 blocking peptide
Sequence	KDLESKIKQR KNKQTDGILT KELLHSVHPE SPNLKTSLCF KEQTLLPVND
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	MTMR6 peptide (MBS3240421) is used for blocking the activity of MTMR6 antibody (MBS3215518)
Molecular Weight	68kDa
OMIM	603561
Product Categories/Family for MTMR6 blocking peptide	Peptide
Applications Tested/Suitable for MTMR6 blocking peptide	Western Blot (WB)
Related Product Information for MTMR6 blocking peptide	This is a synthetic peptide designed for use in combination with anti-MTMR6 Antibody, made Target Description: MTMR6 phosphatase that acts on lipids with a phosphoinositol headgroup. It acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4+ T-cells possibly by decreasing intracellular levels of phosphatidylinositol-3 phosphatase. It negatively regulates proliferation of reactivated CD4+ T-cells.
Other Notes	Small volumes of MTMR6 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 MTMR6 purchase	MBS3240421 is a blocking peptide targeting MTMR6. Also known as MTMR6 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTMR6. It may not necessarily be applicable to this product.

NCBI GI #	134142348
NCBI GeneID	9107
NCBI Accession #	NP_004676
UniProt Primary Accession #	Q9Y217
UniProt Related Accession #	Q9Y217
GenBank Nucleotide #	NM_004685
NCBI Official Full Name	myotubularin-related protein 6
NCBI Official Synonym Full Names	myotubularin related protein 6

NCBI Official Symbol	MTMR6
UniProt Protein Name	Myotubularin-related protein 6
Protein Family	Myotubularin-related protein
UniProt Gene Name	MTMR6
UniProt Entry Name	MTMR6_HUMAN
NCBI Protein Information	myotubularin-related protein 6
Research Articles on MTMR6	**1.** MTMR6, which dephosphorylates PI(3)P to PI, and its binding partner MTMR9, are required for macropinocytosis.
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