MTCP1 Blocking Peptide (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	MTCP1, Blocking Peptide
Full Product Name	MTCP1 Blocking Peptide (C-Term)
Product Gene Name	MTCP1 blocking peptide
Product Synonym Gene Name	C6.1B
Product Synonym Names	Protein p13 MTCP-1; p13MTCP1; Mature T-cell proliferation-1 type B1; MTCP-1 type B1; MTCP1; C61B
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Specificity	The synthetic peptide sequence is selected from aa 73-83 of HUMAN MTCP1
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	MTCP1 peptide (MBS9230146) is used for blocking the activity of MTCP1 antibody (MBS9216465)
Molecular Weight	7,747 Da
OMIM	300116
Tissue Location	Not found at a significant level in any tissue
Related Product Information for MTCP1 blocking peptide	MBS9230146 is a blocking peptide targeting MTCP1. Also known as MTCP1 Blocking Peptide (C-Term). Enhances the phosphorylation and activation of AKT1 and AKT2.
Other Notes	Small volumes of MTCP1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTCP1. It may not necessarily be applicable to this product.

NCBI GI #	3024175
NCBI GeneID	4515
NCBI Accession #	P56278.1
UniProt Primary Accession #	P56278
UniProt Secondary Accession #	Q5HYP2
UniProt Related Accession #	P56278
NCBI Official Full Name	Protein p13 MTCP-1
NCBI Official Synonym Full Names	mature T-cell proliferation 1
NCBI Official Symbol	MTCP1
NCBI Official Synonym Symbols	p8MTCP1; P13MTCP1
UniProt Protein Name	Protein p13 MTCP-1
UniProt Synonym Protein Names	Mature T-cell proliferation-1 type B1; MTCP-1 type B1
Protein Family	Protein

UniProt Gene Name	MTCP1
UniProt Synonym Gene Names	C6.1B; p13MTCP1; MTCP-1 type B1
UniProt Entry Name	MTCP1_HUMAN
NCBI Protein Information	protein p13 MTCP-1
NCBI Summary for MTCP1	This gene was identified by involvement in some t(X;14) translocations associated with mature T-cell proliferations. This region has a complex gene structure, with a common promoter and 5' exon spliced to two different sets of 3' exons that encode two different proteins. This gene represents the upstream 13 kDa protein that is a member of the TCL1 family. This protein may be involved in leukemogenesis. [provided by RefSeq, Mar 2009]
UniProt Comments for MTCP1	Enhances the phosphorylation and activation of AKT1 and AKT2.
Research Articles on MTCP1	**1.** Observational study of gene-disease association. (HuGE Navigator)
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