MYCT1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	MYCT1, Blocking Peptide
Full Product Name	MYCT1 Peptide
Product Gene Name	MYCT1 blocking peptide
Product Synonym Names	MTLC; MTLC; MTMC1; Myc target protein 1; Myc target in myeloid cells protein 1; myc target 1
Form/Format	Liquid
Concentration	200 ug/mL (lot specific)
Preparation and Storage	Store MYCT1 peptide at -20 degree C, stable for one year.
Antibody/Peptide Pairs	MYCT1 peptide (MBS153965) is used for blocking the activity of MYCT1 antibody (MBS153607)
Molecular Weight	26,593 Da
Species	Human
Buffer	PBS pH 7.2 (10 mM NaH2PO4, 10 mM Na2HPO4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
Location	17 amino acids near the carboxy terminus of human MYCT1.
Applications Tested/Suitable for MYCT1 blocking peptide	Blocking (BL)
Application Notes for MYCT1 blocking peptide	MYCT1 peptide is used for blocking the activity of MYCT1 antibody.
Related Product Information for MYCT1 blocking peptide	MBS153965 is a blocking peptide targeting MYCT1. Also known as MYCT1 Peptide.
Other Notes	Small volumes of MYCT1 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 MYCT1. It may not necessarily be applicable to this product.

NCBI GI #	156151389
NCBI GeneID	80177
NCBI Accession #	NP_079383
UniProt Primary Accession #	Q8N699
UniProt Secondary Accession #	Q8N396; Q8TBE8; Q9H763
UniProt Related Accession #	Q8N699
GenBank Nucleotide #	NM_025107.2
NCBI Official Full Name	myc target protein 1
NCBI Official Synonym Full Names	myc target 1

NCBI Official Symbol	MYCT1
NCBI Official Synonym Symbols	MTLC
UniProt Protein Name	Myc target protein 1
UniProt Synonym Protein Names	Myc target in myeloid cells protein 1
Protein Family	Myc target protein
UniProt Gene Name	MYCT1
UniProt Synonym Gene Names	MTLC; MTMC1
UniProt Entry Name	MYCT1_HUMAN
NCBI Protein Information	myc target protein 1; myc target in myeloid cells 1; myc target in myeloid cells protein 1
UniProt Comments for MYCT1	MYCT1: May regulate certain MYC target genes, MYC seems to be a direct upstream transcriptional activator. Does not seem to significantly affect growth cell capacity. Overexpression seems to mediate many of the known phenotypic features associated with MYC, including promotion of apoptosis, alteration of morphology, enhancement of anchorage-independent growth, tumorigenic conversion, promotion of genomic instability, and inhibition of hematopoietic differentiation. Belongs to the MYCT1 family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 6q25.2 Cellular Component: nucleus
Research Articles on MYCT1	**1.** hypermethylation contributed to the transcriptional down-regulation of MYCT1 and could inhibit cancer cell differentiation in laryngeal squamous cell cancer.
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