MYCT1 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MYCT1, Blocking Peptide
Full Product Name	MYCT1 Peptide - middle region
Product Gene Name	MYCT1 blocking peptide
Product Synonym Gene Name	FLJ21269; MGC156309; MGC156310; MTLC
Sequence	RRRRASAPIS QWSSSRRSRS SYTHGLNRTG FYRHSGCERR SNLSLASLTF
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	MYCT1 peptide (MBS3241997) is used for blocking the activity of MYCT1 antibody (MBS3217098)
Molecular Weight	26kDa
Product Categories/Family for MYCT1 blocking peptide	Peptide
Applications Tested/Suitable for MYCT1 blocking peptide	Western Blot (WB)
Related Product Information for MYCT1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-MYCT1 Antibody, made Target Description: MYCT1 may regulate certain MYC target genes, MYC seems to be a direct upstream transcriptional activator. MYCT1 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.
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.
Searchable Terms for MYCT1 purchase	MBS3241997 is a blocking peptide targeting MYCT1. Also known as MYCT1 Peptide - middle region. Reactive in Human.

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 Related Accession #	Q8N699
GenBank Nucleotide #	NM_025107
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
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.** YY1 promotes proliferation and migration with suppression of apoptosis via directly inhibiting MYCT1 in laryngeal cancer cells, suggesting that YY1 is a useful target as a potential oncogene in laryngeal cancer development and progression.
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