PPP2R1B Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PPP2R1B, Blocking Peptide
Full Product Name	PPP2R1B Peptide - N-terminal region
Product Gene Name	PPP2R1B blocking peptide
Product Synonym Gene Name	MGC26454; PR65B; PP2A-Abeta
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	PPP2R1B peptide (MBS3238499) is used for blocking the activity of PPP2R1B antibody (MBS3213557)
Molecular Weight	73kDa
Product Categories/Family for PPP2R1B blocking peptide	Peptide
Applications Tested/Suitable for PPP2R1B blocking peptide	Western Blot (WB)
Related Product Information for PPP2R1B blocking peptide	This is a synthetic peptide designed for use in combination with anti-PPP2R1B antibody made Target Description: This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric co
Other Notes	Small volumes of PPP2R1B 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 PPP2R1B purchase	MBS3238499 is a blocking peptide targeting PPP2R1B. Also known as PPP2R1B Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP2R1B. It may not necessarily be applicable to this product.

NCBI GI #	32455244
NCBI GeneID	5519
NCBI Accession #	NP_859050
UniProt Primary Accession #	A8K8B0
UniProt Related Accession #	P30154
GenBank Nucleotide #	NM_181699
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform isoform b
NCBI Official Synonym Full Names	protein phosphatase 2 scaffold subunit Abeta
NCBI Official Symbol	PPP2R1B
NCBI Official Synonym Symbols	PR65B; PP2A-Abeta

NCBI Protein Information	serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform
NCBI Summary for PPP2R1B	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes a beta isoform of the constant regulatory subunit A. Mutations in this gene have been associated with some lung and colon cancers. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]
Research Articles on PPP2R1B	**1.** MicroRNA-587 antagonizes 5-fluorouracil-induced apoptosis and confers drug resistance by regulating PPP2R1B expression in colorectal cancer.
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