PPP2R2A Peptide-Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PPP2R2A, Blocking Peptide
Full Product Name	PPP2R2A Peptide-middle region
Product Gene Name	PPP2R2A blocking peptide
Product Synonym Names	mKIAA1541; 2410004D02Rik
Sequence	ISERDKRPEG YNLKEEDGRY RDPTTVTTLR VPVFRPMDLM VEASPRRIFA
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	PPP2R2A peptide (MBS3249511) is used for blocking the activity of PPP2R2A antibody (MBS3249837)
Molecular Weight	52kDa
Quality Control	The peptide is characterized by mass spectroscopy
Protein Size	447 amino acids
Related Product Information for PPP2R2A blocking peptide	This is a synthetic peptide designed for use in combination with anti-PPP2R2A Antibody. It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochecmistry under proper experimental settings. Description of Target: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.
Other Notes	Small volumes of PPP2R2A 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 PPP2R2A purchase	MBS3249511 is a blocking peptide targeting PPP2R2A. Also known as PPP2R2A Peptide-middle region. Reactive in Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP2R2A. It may not necessarily be applicable to this product.

NCBI GeneID	71978
NCBI Accession #	NM_001205188.1
UniProt Primary Accession #	Q6P1F6
UniProt Related Accession #	NP_001192117.1
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
UniProt Synonym Protein Names	PP2A subunit B isoform B55-alpha; PP2A subunit B isoform PR55-alpha; PP2A subunit B isoform R2-alpha; PP2A subunit B isoform alpha
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	Ppp2r2a

UniProt Entry Name	2ABA_MOUSE
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