PPP1R9A Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PPP1R9A, Blocking Peptide
Full Product Name	PPP1R9A Peptide - C-terminal region
Product Gene Name	PPP1R9A blocking peptide
Product Synonym Gene Name	FLJ20068; KIAA1222; NRB1; NRBI; Neurabin-I
Sequence	VKKKLKEMKM SLEKARKAQE KMEKQREKLR RKEQEQMQRK SKKTEKMTST
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	PPP1R9A peptide (MBS3242299) is used for blocking the activity of PPP1R9A antibody (MBS3217403)
Molecular Weight	142kDa
Product Categories/Family for PPP1R9A blocking peptide	Peptide
Applications Tested/Suitable for PPP1R9A blocking peptide	Western Blot (WB)
Related Product Information for PPP1R9A blocking peptide	This is a synthetic peptide designed for use in combination with anti-PPP1R9A Antibody, made Target Description: This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of PPP1R9A 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 PPP1R9A purchase	MBS3242299 is a blocking peptide targeting PPP1R9A. Also known as PPP1R9A Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R9A. It may not necessarily be applicable to this product.

NCBI GI #	261244902
NCBI GeneID	55607
NCBI Accession #	NP_001159633
UniProt Primary Accession #	F8W7J9
UniProt Related Accession #	Q9ULJ8
GenBank Nucleotide #	NM_001166161

NCBI Official Full Name	neurabin-1 isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 9A
NCBI Official Symbol	PPP1R9A
NCBI Official Synonym Symbols	NRB1; NRBI; Neurabin-I
Protein Family	Neurabin
NCBI Protein Information	neurabin-1
NCBI Summary for PPP1R9A	This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]
Research Articles on PPP1R9A	**1.** MARCKS and PPP1R9A might contribute to spine loss in schizophrenia and bipolar disorder through their interactions.
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