PR15B Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	PR15B (PPP1R15B), Blocking Peptide
Full Product Name	PR15B Antibody (C-term) Blocking Peptide
Product Gene Name	PPP1R15B blocking peptide
Product Synonym Names	Protein phosphatase 1 regulatory subunit 15B; PPP1R15B
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Specificity	The synthetic peptide sequence used to generate the antibody was selected from the C-term region of PR15B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	PR15B peptide (MBS9219672) is used for blocking the activity of PR15B antibody (MBS9210273)
Molecular Weight	79,152 Da
OMIM	613257
Related Product Information for PPP1R15B blocking peptide	Maintains low levels of EIF2S1 phosphorylation in unstressed cells by promoting its dephosphorylation by PP1.
Other Notes	Small volumes of PPP1R15B 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 PPP1R15B purchase	MBS9219672 is a blocking peptide targeting PPP1R15B. Also known as PR15B Antibody (C-term) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R15B. It may not necessarily be applicable to this product.

NCBI GI #	74743925
NCBI Accession #	Q5SWA1.1
UniProt Primary Accession #	Q5SWA1
UniProt Secondary Accession #	Q53GQ4; Q658M2; Q6P156; Q96SN1
NCBI Official Full Name	Protein phosphatase 1 regulatory subunit 15B
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 15B
Protein Family	Protein phosphatase 1 regulatory
UniProt Gene Name	PPP1R15B
UniProt Entry Name	PR15B_HUMAN

UniProt Comments for PPP1R15B	PPP1R15B: Maintains low levels of EIF2S1 phosphorylation in unstressed cells by promoting its dephosphorylation by PP1. Belongs to the PPP1R15 family. Protein type: Protein phosphatase, regulatory subunit Chromosomal Location of Human Ortholog: 1q32.1 Cellular Component: protein phosphatase type 1 complex Molecular Function: protein binding
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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