PPP1R11 Blocking Peptide

PRODUCT OVERVIEW

Product Name	PPP1R11, Blocking Peptide
Full Product Name	PPP1R11 Blocking Peptide
Product Gene Name	PPP1R11 blocking peptide
Product Synonym Names	HCG V; HCG-V; HCGV; Hemochromatosis candidate gene V protein; inhibitor-3; IPP3; protein phosphatase 1 regulatory subunit 11; protein phosphatase 1, regulatory (inhibitor) subunit 11; Protein phosphatase inhibitor 3; t-complex-associated-testis-expressed
Antibody/Peptide Pairs	PPP1R11 peptide (MBS9632036) is used for blocking the activity of PPP1R11 antibody (MBS9629653)
Molecular Weight	13,953 Da
OMIM	606670
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PPP1R11 blocking peptide	MBS9632036 is a blocking peptide targeting PPP1R11.
Other Notes	Small volumes of PPP1R11 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R11. It may not necessarily be applicable to this product.

NCBI GI #	11386175
NCBI GeneID	6992
NCBI Accession #	NP_068778.1
UniProt Primary Accession #	O60927
UniProt Related Accession #	O60927
GenBank Nucleotide #	NM_021959.2
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 11
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory (inhibitor) subunit 11
NCBI Official Symbol	PPP1R11
NCBI Official Synonym Symbols	HCGV; IPP3; HCG-V; TCTE5; TCTEX5
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 11
UniProt Synonym Protein Names	Hemochromatosis candidate gene V protein; HCG V; Protein phosphatase inhibitor 3
Protein Family	Protein phosphatase 1 regulatory
UniProt Gene Name	PPP1R11

UniProt Synonym Gene Names	HCGV; TCTE5; HCG V
UniProt Entry Name	PP1RB_HUMAN
NCBI Protein Information	protein phosphatase 1 regulatory subunit 11; HCG V; hemochromatosis candidate gene V protein; inhibitor-3; protein phosphatase 1, regulatory (inhibitor) subunit 11, isoform 1; protein phosphatase inhibitor 3; t-complex-associated-testis-expressed 5
NCBI Summary for PPP1R11	This gene encodes a specific inhibitor of protein phosphatase-1 (PP1) with a differential sensitivity toward the metal-independent and metal-dependent forms of PP1. The gene is located within the major histocompatibility complex class I region on chromosome 6. [provided by RefSeq, Jul 2008]
UniProt Comments for PPP1R11	PPP1R11: Inhibitor of protein phosphatase 1. Protein type: Protein phosphatase, regulatory subunit; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 6p21.3 Cellular Component: cytoplasm Molecular Function: protein binding; protein phosphatase inhibitor activity Biological Process: negative regulation of catalytic activity
Research Articles on PPP1R11	**1.** a model in which I3 regulates an SDS22-mediated PP1 activation step in solution that precedes SDS22 dissociation and transfer of PP1 to kinetochores, and which is required for PP1 to efficiently antagonize Aurora B.
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