Serine/Threonine-Protein Phosphatase 4 Regulatory Subunit 2-B (ppp4r2-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/threonine-protein phosphatase 4 regulatory subunit 2-B (ppp4r2-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Serine/threonine-protein phosphatase 4 regulatory subunit 2-B (ppp4r2-b)
Product Gene Name	ppp4r2-b recombinant protein
Product Synonym Gene Name	ppp4r2-b
Sequence	MDVDRLQEAL KDFEKRGKKD VSPELDQFLC HVAKTGETVV QWPQFKEYFL FKLEKVMDDF RTSAPEQRGP PNPNVEYIPF DEMKQRILKI VASFNGTPFT IQRLCELLTD PRRNYTGTDK FLRGVEKNIM VVSCVYPSSE KNTSPSLNRM NGVMFPSNSQ SYTDRSNVNG PGTPRPTNRP KFTLSSPMNT NGLPDSMENK ESDLQQKEKS LSDSAVFDDG SQATTPKNKH SAEDSVEAEE HEVKRLKFDT EEDEEAACAN PDASSEVSTE MAEEAECAST SADKGKESCQ TAQTADEESL MTASESTEVE CNERDSETVS VSEESSEESH QMEESEQSES ACSLNSEEPN SAAAAASTAG TDSSEGNIGI KSTEILSLSP MENSEEATNA PEEPMEQD
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	43,957 Da
Sequence Positions	1-398, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6DCQ0
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ppp4r2-b recombinant protein	MBS1384893 is a recombinant protein targeting ppp4r2-b. Also known as Recombinant Xenopus laevis Serine/threonine-protein phosphatase 4 regulatory subunit 2-B (ppp4r2-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ppp4r2-b recombinant protein 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 ppp4r2-b. It may not necessarily be applicable to this product.

NCBI GI #	147901735
NCBI GeneID	446890

NCBI Accession #	NP_001087055.1
UniProt Primary Accession #	Q6DCQ0
UniProt Related Accession #	Q6DCQ0
GenBank Nucleotide #	NM_001093586.1
NCBI Official Full Name	serine/threonine-protein phosphatase 4 regulatory subunit 2-B
NCBI Official Synonym Full Names	protein phosphatase 4 regulatory subunit 2 S homeolog
NCBI Official Symbol	ppp4r2.S
NCBI Official Synonym Symbols	pp4r2; ppp4r2; ppp4r2-B; ppp4r2-a
UniProt Protein Name	Serine/threonine-protein phosphatase 4 regulatory subunit 2-B
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	ppp4r2-b
NCBI Protein Information	serine/threonine-protein phosphatase 4 regulatory subunit 2-B
UniProt Comments for ppp4r2-b	Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4).
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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