Probable Methylthioribulose-1-Phosphate Dehydratase (apip) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable methylthioribulose-1-phosphate dehydratase (apip), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Probable methylthioribulose-1-phosphate dehydratase (apip)
Product Gene Name	apip recombinant protein
Product Synonym Gene Name	apip
Sequence	MYYCNRDNCN QTDNAKDKAH PRNLIPELCR QFYNLGWVTG TGGGISLKYG DEIYIAPSGV QKERIQPDDL FVCDIDEKDI SCPPPYRNLK KSQCTPLFMN AYTMRDAGAV IHTHSKAAVM ATLMFPGKEF LITHQEMIKG IKKGTSGGYY RYNDMLAVPI VENTPEEKDL KERMARAMTE YPDTCAVLVR RHGVYVWGDT WEKAKTMCEC YDYLFDIAVQ MKQHGLDPSA VPTEEKGIV
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	27,172 Da
Sequence Positions	1-239, 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 Q6NU29
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apip recombinant protein	MBS1372838 is a recombinant protein targeting apip. Also known as Recombinant Xenopus laevis Probable methylthioribulose-1-phosphate dehydratase (apip). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apip 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 apip. It may not necessarily be applicable to this product.

NCBI GI #	148224650
NCBI GeneID	414636
NCBI Accession #	NP_001084676.1
UniProt Primary Accession #	Q6NU29

UniProt Related Accession #	Q6NU29
GenBank Nucleotide #	NM_001091207.1
NCBI Official Full Name	methylthioribulose-1-phosphate dehydratase
NCBI Official Synonym Full Names	APAF1 interacting protein S homeolog
NCBI Official Symbol	apip.S
NCBI Official Synonym Symbols	apip
UniProt Protein Name	Methylthioribulose-1-phosphate dehydratase
UniProt Synonym Protein Names	APAF1-interacting protein homolog
UniProt Gene Name	apip
UniProt Synonym Gene Names	MTRu-1-P dehydratase
NCBI Protein Information	methylthioribulose-1-phosphate dehydratase
UniProt Comments for apip	Catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P). Functions in the methionine salvage pathway. May play a role in apoptosis.
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