Probable Myosin Light Chain Kinase Ddb_g0271550 (Ddb_g0271550) (DDB_G0271550) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable myosin light chain kinase DDB_G0271550 (DDB_G0271550), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Probable myosin light chain kinase DDB_G0271550 (DDB_G0271550)
Product Gene Name	DDB_G0271550 recombinant protein
Product Synonym Gene Name	DDB_G0271550
Sequence	MLKLFKRIGR KKDSKIEDFY EFGPEIGRGA FSIVRQGTHK DTGDQVAIKA ISKQHVSEAD MKRFTREIEI MKKLKHKNII QLIEVFDSND YLYLVLELIR GGELFDKIVE KGNYSEKDAC NLVRQIVSAV EYMHQHGVCH RDLKPENLLC SGDDEKEEIV RIADFGLSKI FEGGEELKTA CGTPDYVAPE ILECKPYDTS VDMWSIGVIT YILLCGFAPF YADTHHELFQ KILDLEYDFP EPEWNGITDL AKDFISQLLI INPEERWTAS QCIKHPWLAE NHGDKELKSL DSAISSMKDY VRNREASTSN ILKMRASQST PNLHSANSNT NTNSLSSSNS NNTTSNSNNN NNNNSNNSNN NNNNSNNNNN INNNNNNNNN NNNNNNNNNN NI
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	44,504 Da
Sequence Positions	1-392, 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 Q86AD7
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DDB_G0271550 recombinant protein	MBS1417991 is a recombinant protein targeting DDB_G0271550. Also known as Recombinant Dictyostelium discoideum Probable myosin light chain kinase DDB_G0271550 (DDB_G0271550). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DDB_G0271550 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 DDB_G0271550. It may not necessarily be applicable to this product.

NCBI GI #	66824483
NCBI GeneID	8618051

NCBI Accession #	XP_645596.1
UniProt Primary Accession #	Q86AD7
UniProt Secondary Accession #	Q55AV0
GenBank Nucleotide #	XM_640504.1
NCBI Official Full Name	hypothetical protein DDB_G0271550
NCBI Official Symbol	DDB_G0271550
UniProt Protein Name	Probable myosin light chain kinase DDB_G0271550
Protein Family	Probable myosin
UniProt Gene Name	DDB_G0271550
NCBI Protein Information	CAMK1 family protein kinase; protein kinase, CAMK group
UniProt Comments for DDB_G0271550	May phosphorylate a specific serine in the N-terminus of a myosin light chain.
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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