Mitogen-Activated Protein Kinase 2 (MKP2) Pneumocystis Carinii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitogen-activated protein kinase 2 (MKP2), Recombinant Protein
Full Product Name	Recombinant Pneumocystis carinii Mitogen-activated protein kinase 2 (MKP2)
Product Gene Name	MKP2 recombinant protein
Sequence	MTASSRNVRF NVSDDYEILD VIGEGAYGIV CSAIHKPSGQ KVAIKKISPF DHSMFCLRTL REMKLLRYFN HENIISILDI QQPQDFESFS EVYLIQELME TDMHRVIRTQ DLSDDHCQYF IYQILRALKA MHSADILHRD LKPSNLLLNA NCDLKVCDFG LARSAVSTED SSSFMTEYVA TRWYRAPEIM LTFKEYTKAI DIWSVGCILA EMLSGRPLFP GKDYHHQLML ILDVLGTPTM EDYYGIKSRR AREYIRSLPF KKRVSFASIF PRANPLALDL LEKLLAFNPA KRVTAEEALQ HNYLEPYHDP DDEPTAPPIS PSFFDFDRIK DSLTKNDLKI LIYKEIMSMN N
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	40,574 Da
Sequence Positions	1-351, 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 O42781
Species	Pneumocystis carinii
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MKP2 recombinant protein	MBS1237313 is a recombinant protein targeting MKP2. Also known as Recombinant Pneumocystis carinii Mitogen-activated protein kinase 2 (MKP2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MKP2 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 MKP2. It may not necessarily be applicable to this product.

NCBI GI #	74675981
NCBI Accession #	O42781.1
UniProt Primary Accession #	O42781
NCBI Official Full Name	Mitogen-activated protein kinase 2
UniProt Protein Name	Mitogen-activated protein kinase 2
UniProt Synonym Protein Names	PCM

UniProt Gene Name	MKP2
UniProt Comments for MKP2	Serine-threonine protein kinase which may be involved in pheromone signaling. Functionally complements the MAPK pheromone signaling pathway in S.cerevisiae.
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