Mitogen-Activated Protein Kinase Hog1 (hog1) Hypocrea Atroviridis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitogen-activated protein kinase hog1 (hog1), Recombinant Protein
Full Product Name	Recombinant Hypocrea atroviridis Mitogen-activated protein kinase hog1 (hog1)
Product Gene Name	hog1 recombinant protein
Product Synonym Gene Name	hog1
Sequence	MAEFVRAQIF GTTFEITSRY SDLQPVGMGA FGLVCSARDQ LTNQNVAVKK LMKPFSTPVL AKRTYRELKL FKHLRHENVI SLSDIFISPL EDIYFVTELL GTDLHRLLTS RPLEKQFIQY FLYQIMRGLK YVHSAGVVHR DLKPSNILVN ENCDLKICDF GLARIQDPQM TAYVSTRYYR APEIMLTWQK YDVEVDIWSA GCIFAEMLEG KPLFPGKDHV NQFSIITELL GTPPDDVINT IASENTLRFV KSLPKRERQP LRNKFKNADD SAIDLLERML VFDPKKRITA TEALAHDYLA PYHDPTDEPV AEEKFDWSFN DADLPVDTWK IMMYSEILDY HNVEGVPQME DQQFPPQ
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	41,267 Da
Sequence Positions	1-357, 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 Q6XKY3
Species	Hypocrea atroviridis (Trichoderma atroviride)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hog1 recombinant protein	MBS1465150 is a recombinant protein targeting hog1. Also known as Recombinant Hypocrea atroviridis Mitogen-activated protein kinase hog1 (hog1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hog1 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 hog1. It may not necessarily be applicable to this product.

NCBI GI #	74691450
NCBI Accession #	Q6XKY3.1
UniProt Primary Accession #	Q6XKY3
NCBI Official Full Name	Mitogen-activated protein kinase hog1

UniProt Protein Name	Mitogen-activated protein kinase hog1
UniProt Synonym Protein Names	MAP kinase tmk3
Protein Family	Mitogen-activated protein kinase
UniProt Gene Name	hog1
UniProt Synonym Gene Names	tmk3; MAP kinase hog1
UniProt Comments for hog1	Mitogen-activated protein kinase involved in a signal transduction pathway that is activated by changes in the osmolarity of the extracellular environment. Controls osmotic regulation of transcription of target genes ().
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