DPH4 Homolog (dph4) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	DPH4 homolog (dph4), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum DPH4 homolog (dph4)
Product Gene Name	dph4 recombinant protein
Product Synonym Gene Name	dph4
Sequence	MTNSSNNSNK CENKNYYEIL KVSIDADIEE IKKSYRKLAL LYHPDKLNKE ENIEENINNF SNCLVNNNNN NNNSNTKDFN DIQIAWETLK DDLLRKQYDS LLLEQKRQKY SVSDEIDLDD MEFIEENSEY VYPCRCGDHY IITEDQLSEG SDVVCCSGCS LSIKVIYQME
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	19,882 Da
Sequence Positions	1-170, 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 Q54CI5
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dph4 recombinant protein	MBS1438547 is a recombinant protein targeting dph4. Also known as Recombinant Dictyostelium discoideum DPH4 homolog (dph4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dph4 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 dph4. It may not necessarily be applicable to this product.

NCBI GI #	66801011
NCBI GeneID	8628950
NCBI Accession #	XP_629431.1
UniProt Primary Accession #	Q54CI5
GenBank Nucleotide #	XM_629429.1
NCBI Official Full Name	DNAJ heat shock N-terminal domain-containing protein

NCBI Official Symbol	dph4
UniProt Protein Name	DPH4 homolog
UniProt Synonym Protein Names	DnaJ homolog subfamily C member 24
Protein Family	Diphthamide biosynthesis protein
UniProt Gene Name	dph4
UniProt Synonym Gene Names	dnajc24
NCBI Protein Information	DNAJ heat shock N-terminal domain-containing protein; diphthamide biosynthesis protein 4; zinc finger, DPH-type domain-containing protein
UniProt Comments for dph4	Stimulates the ATPase activity of several Hsp70-type chaperones. Plays a role in the diphthamide biosynthesis, a post-translational modification of histidine which occurs in translation elongation factor 2 ().
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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