Phosphoglycerate Kinase (pgk) Dinoroseobacter Shibae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoglycerate kinase (pgk), Recombinant Protein
Full Product Name	Recombinant Dinoroseobacter shibae Phosphoglycerate kinase (pgk)
Product Gene Name	pgk recombinant protein
Sequence	MTWKTLDDMA LDGKIVLTRV DINVPVADGV VTDTTRIERI VPTVTDILAK GGLPVLLAHF GRPKGKVVPE MSLRVVLPAL EEALGRPVEF IAHPDRAALE ALPKCTVVLA ENTRFAPGEE KNDPEMAAAL AALGDIYCND AFSAAHRAHA STEGIARLLP SCAGRLMQAE LEALQRALGT PTRPVVAVVG GAKVSTKLAL LGNLVEKVDD LVIGGGMANT FLAAQGIDVG ASLAEHEMAD TAREIMEKAA RAGCSIHLPK DIVVARKFEA GAPSQTLPVS ECPRDAMILD AGPETVAALK EVFAQARTLI WNGPLGAFEI PPFDMATNAA ARAAADATKA GTLITVAGGG DTVAALNKAG VADDFTYIST AGGAFLEWME GKTLPGVAAL EAA
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	40,805 Da
Sequence Positions	1-393, 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 A8LQM4
Species	Dinoroseobacter shibae (strain DFL 12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgk recombinant protein	MBS1263272 is a recombinant protein targeting pgk. Also known as Recombinant Dinoroseobacter shibae Phosphoglycerate kinase (pgk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pgk 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 pgk. It may not necessarily be applicable to this product.

NCBI GI #	501129928
NCBI Accession #	WP_012178823.1
UniProt Primary Accession #	A8LQM4
GenBank Nucleotide #	WP_012178823.1
NCBI Official Full Name	phosphoglycerate kinase

UniProt Protein Name	Phosphoglycerate kinase
Protein Family	Phosphoglycerate kinase
UniProt Gene Name	pgk
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