2-Phosphoglycerate Kinase (pgk2) Pyrococcus Furiosus Recombinant Protein

PRODUCT OVERVIEW

Product Name	2-phosphoglycerate kinase (pgk2), Recombinant Protein
Full Product Name	Recombinant Pyrococcus furiosus 2-phosphoglycerate kinase (pgk2)
Product Gene Name	pgk2 recombinant protein
Product Synonym Gene Name	pgk2
Sequence	MIKVIERDGK VRLPFSRGIL TRSITSVGVD VDLAYAIATE VQEELIRQGK KVVTKEEIRN ITYQKLVEKG FKEEAKRYLF WRRFRKLKIP LIILLGGPTG VGKSTIATEL AFRLGIRSVI GTDTIREVMR KIITPELLPT IHTSTFLAWK ELRGTVTGSP IIAGFESQVN AVAVGVNAVI QRAIKEGLNA IIEGIHLVPG FIKIDYEMAF MYMIVARSRE ELEARFYERT RYSKRSAQYY ISHLDEIMEI QEYLIKKARE YRVPIIENVE LEKTISTIME DIMEKTVEIM KKKGLDMLEE PK
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	34,670 Da
Sequence Positions	1-302, 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 Q8U4K7
Species	Pyrococcus furiosus (strain 43587 / DSM 3638 / JCM 8422 / Vc1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgk2 recombinant protein	MBS1423694 is a recombinant protein targeting pgk2. Also known as Recombinant Pyrococcus furiosus 2-phosphoglycerate kinase (pgk2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pgk2 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 pgk2. It may not necessarily be applicable to this product.

NCBI GI #	499320698
NCBI Accession #	WP_011011190.1
UniProt Primary Accession #	Q8U4K7
UniProt Secondary Accession #	O73953
GenBank Nucleotide #	WP_011011190.1

NCBI Official Full Name	2-phosphoglycerate kinase
UniProt Protein Name	2-phosphoglycerate kinase
Protein Family	2-phosphoglycerate kinase
UniProt Gene Name	pgk2
UniProt Synonym Gene Names	2PGK
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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