Phosphoglycerate Kinase (pgk) Colwellia Psychrerythraea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoglycerate kinase (pgk), Recombinant Protein
Full Product Name	Recombinant Colwellia psychrerythraea Phosphoglycerate kinase (pgk)
Product Gene Name	pgk recombinant protein
Product Synonym Gene Name	pgk
Sequence	MSIIKMADLT LANQRVLIRE DLNVPVTDGK ITSDARLRAA LPTLKLALEA GAKVMVMSHL GRPTEGQPEE KFSLKPVTDY LSAALNYPVR LVTDYLDGVD VAAGELVVFE NIRFNLGEKK NDDTLAKKLA ALCDVFVMDA FGTAHRAQAS THGVAKFAAT ACAGPLLSGE LEALGKALDN PARPLVAIVG GSKVSTKLTV LDSLAGIVDQ LVVGGGIANT FIAADGHNVG KSLYEADLVE EATRLTKQAK ANNGDIPVPS DVVVATEFSA SATATLKPVN EVTADEMIFD IGPETAKALT EIIANAGTIV WNGPVGVFEF DQFGEGTKVI AQAIADSSAF SIAGGGDTLA AVDKYEIADK ISYISTGGGA FLEFLEGKKL PAVEILEQRA K
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	40,943 Da
Sequence Positions	1-391, 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 Q47XD4
Species	Colwellia psychrerythraea (strain 34H / BAA-681) (Vibrio psychroerythus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgk recombinant protein	MBS1484902 is a recombinant protein targeting pgk. Also known as Recombinant Colwellia psychrerythraea 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 #	499355925
NCBI Accession #	WP_011044622.1
UniProt Primary Accession #	Q47XD4
GenBank Nucleotide #	WP_011044622.1

NCBI Official Full Name	MULTISPECIES: phosphoglycerate kinase
UniProt Protein Name	Phosphoglycerate kinase
Protein Family	Phosphoglycerate kinase
UniProt Gene Name	pgk
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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