Phosphoglycerate Kinase (pgk) Chromobacterium Violaceum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoglycerate kinase (pgk), Recombinant Protein
Full Product Name	Recombinant Chromobacterium violaceum Phosphoglycerate kinase (pgk)
Product Gene Name	pgk recombinant protein
Product Synonym Gene Name	pgk; CV_0189
Product Synonym Names	Phosphoglycerate kinase; EC=2.7.2.3
Sequence	MKFNKLSEQN LSGKRALIRV DMNVPLKNGV IGDDTRIRAS LPTIEHCLKA GAAVLLMTHL GRPTEGEPKP EDSLAPVVAR LSELLGKPVR LIADFHAGVE LAPGEVAMLE NVRLNKGEKK NNDELGRAYA ALCDVFVHDA FGTAHRAEAS THAVAKFAPV ACAGLLLSAE LDALGKALQA PARPLVAIVA GSKVSTKLTI LEALADKVDQ LIVGGGIANT FLLAEGKAIG KSLAEADLVE DARRVIAKIR ARGGDVPLPA DVVCAKEFAE TAAAATKNVA EVVADDMILD IGPDAAKQLA AIIAQAGTVV WNGPVGVFEF DQFGNGTKTL AQAIAQSKAF SIAGGGDTLA AIAKYGITDD ISYISTGGGA FLEFLEGKEL PAVAILAERA Q
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	40,619 Da
Sequence Positions	1-391aa; 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 Q7P1M4
Species	Chromobacterium violaceum (strain 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / 9757)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgk recombinant protein	MBS1338016 is a recombinant protein targeting pgk. Also known as Recombinant Chromobacterium violaceum 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 #	34495644
NCBI GeneID	2550289
NCBI Accession #	NP_899859.1

UniProt Primary Accession #	Q7P1M4
UniProt Related Accession #	Q7P1M4
GenBank Nucleotide #	NC_005085.1
NCBI Official Full Name	phosphoglycerate kinase
NCBI Official Symbol	pgk
UniProt Protein Name	Phosphoglycerate kinase
Protein Family	Phosphoglycerate kinase
UniProt Gene Name	pgk
UniProt Entry Name	PGK_CHRVO
NCBI Protein Information	phosphoglycerate kinase
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