Phosphoglycerate Kinase (pgk) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoglycerate kinase (pgk), Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Phosphoglycerate kinase (pgk)
Product Gene Name	pgk recombinant protein
Product Synonym Gene Name	pgk; MTH_1042
Product Synonym Names	Phosphoglycerate kinase; EC=2.7.2.3
Sequence	MMVIPVSFKF KTMDDIEVTG KTVLVRVDIN SPVDPNDGTI LDDTRMRLHA ETIRELSDRG ARTVVMAHQS RPGKNDFTTL EQHARALSGI LRRPVKYVED IFGSAARENI SGLGDGEIIL LENVRFYSEE VLKRDPEEQA ETHLVRKLAP LLDYFINDAF AAAHRSQPSL VGFALRVPSA AGRVMERELR TLQGALENVE RPCVYVLGGV KVDDSIMVMK NVLENGSADL VLTTGLVANI FLAGCGVKIG KVNMDFIKSR GYCDFIKVAK KLKKRFPERI VVPVDVAVCR DGKRVDVPVK KIPNHPIQDI GMETIKLYAR RIREARTLFA NGPAGVFENP DFSIGTEDIL NAISSSEGFS IIGGGHLAAA AVKMGFEDSI NHISSGGGAS ISLLAGEELP AVRVLEESRH P
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	44,998 Da
Sequence Positions	1-411aa; 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 O27121
Species	Methanothermobacter thermautotrophicus (strain 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgk recombinant protein	MBS1096587 is a recombinant protein targeting pgk. Also known as Recombinant Methanothermobacter thermautotrophicus Phosphoglycerate kinase (pgk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. pgk
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 #	15679060
NCBI GeneID	1471450

NCBI Accession #	NP_276177.1
UniProt Primary Accession #	O27121
UniProt Related Accession #	O27121
GenBank Nucleotide #	NC_000916.1
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_METTH
NCBI Protein Information	phosphoglycerate kinase
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