6-Phosphofructokinase Subunit Alpha (pfkA) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	6-phosphofructokinase subunit alpha (pfkA), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae 6-phosphofructokinase subunit alpha (pfkA), partial
Product Gene Name	pfkA recombinant protein
Product Synonym Gene Name	pfkA
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	85,970 Da
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 Q9HGZ1
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pfkA recombinant protein	MBS1387292 is a recombinant protein targeting pfkA. Also known as Recombinant Aspergillus oryzae 6-phosphofructokinase subunit alpha (pfkA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pfkA 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 pfkA. It may not necessarily be applicable to this product.

NCBI GI #	317144881
NCBI GeneID	5992433
NCBI Accession #	XP_001820450.2
UniProt Primary Accession #	Q9HGZ1
UniProt Secondary Accession #	Q2UJ17
UniProt Related Accession #	Q9HGZ1
GenBank Nucleotide #	XM_001820398.2
NCBI Official Full Name	6-phosphofructokinase
NCBI Official Symbol	AO090003001390

UniProt Protein Name	ATP-dependent 6-phosphofructokinase 1
UniProt Synonym Protein Names	Phosphohexokinase 1
Protein Family	ATP-dependent 6-phosphofructokinase
UniProt Gene Name	pfkA
UniProt Synonym Gene Names	ATP-PFK 1; Phosphofructokinase 1
NCBI Protein Information	hypothetical protein
UniProt Comments for pfkA	Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.
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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