6-Phosphofructokinase (PFK) Calanus Finmarchicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	6-phosphofructokinase (PFK), Recombinant Protein
Full Product Name	Recombinant Calanus finmarchicus 6-phosphofructokinase (PFK)
Product Gene Name	PFK recombinant protein
Product Synonym Gene Name	PFK
Sequence	GGDGSLTGAN RFKGEWSSLV KELLETGKIT KEVAEKHSHL NIVGMVGSID NDFCGTDMTI GTDSALHRIV EVADNIIPTA YSHQRAFVLE VMGRHCGYLA LVAGIVTEAD FVFAPEWPPE EDWPEKLCKK LELERQSGQR LNIIIVAEGA IDRQGNPITA EGVKKIIVDR LEMDTRTTVL GHIQ
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	20,208 Da
Sequence Positions	1-184, 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 Q27543
Species	Calanus finmarchicus (Calanus tonsus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PFK recombinant protein	MBS1365406 is a recombinant protein targeting PFK. Also known as Recombinant Calanus finmarchicus 6-phosphofructokinase (PFK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PFK 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 PFK. It may not necessarily be applicable to this product.

NCBI GI #	2499486
NCBI Accession #	Q27543.1
UniProt Primary Accession #	Q27543
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase
UniProt Protein Name	ATP-dependent 6-phosphofructokinase
UniProt Synonym Protein Names	Phosphohexokinase

UniProt Gene Name	PFK
UniProt Synonym Gene Names	ATP-PFK; Phosphofructokinase
UniProt Comments for PFK	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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