6-Phosphofructo-2-Kinase/Fructose-2,6-Bisphosphatase 2 (PFKFB2) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 (PFKFB2), Recombinant Protein
Full Product Name	Recombinant Pongo abelii 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 (PFKFB2), partial
Product Gene Name	PFKFB2 recombinant protein
Product Synonym Gene Name	PFKFB2
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	61,168 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 Q5NVT1
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PFKFB2 recombinant protein	MBS1328500 is a recombinant protein targeting PFKFB2. Also known as Recombinant Pongo abelii 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 (PFKFB2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PFKFB2 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 PFKFB2. It may not necessarily be applicable to this product.

NCBI GI #	197099092
NCBI GeneID	100174086
NCBI Accession #	NP_001127057.1
UniProt Primary Accession #	Q5NVT1
UniProt Related Accession #	Q5NVT1
GenBank Nucleotide #	NM_001133585.1
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2

NCBI Official Symbol	PFKFB2
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Synonym Protein Names	6PF-2-K/Fru-2,6-P2ase heart-type isozymeIncluding the following 2 domains:6-phosphofructo-2-kinase (EC:2.7.1.105)Fructose-2,6-bisphosphatase (EC:3.1.3.46)
Protein Family	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase
UniProt Gene Name	PFKFB2
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 2; PFK/FBPase 2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Comments for PFKFB2	Synthesis and degradation of fructose 2,6-bisphosphate.
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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