Plastidial Pyruvate Kinase 4, Chloroplastic (PKP4) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Plastidial pyruvate kinase 4, chloroplastic (PKP4), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Plastidial pyruvate kinase 4, chloroplastic (PKP4), partial
Product Gene Name	PKP4 recombinant protein
Product Synonym Gene Name	PKP4
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	77,827 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 Q9M3B6
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PKP4 recombinant protein	MBS1342450 is a recombinant protein targeting PKP4. Also known as Recombinant Arabidopsis thaliana Plastidial pyruvate kinase 4, chloroplastic (PKP4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PKP4 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 PKP4. It may not necessarily be applicable to this product.

NCBI GI #	15229099
NCBI GeneID	824077
NCBI Accession #	NP_190485.1
UniProt Primary Accession #	Q9M3B6
UniProt Related Accession #	Q9M3B6
GenBank Nucleotide #	NM_114775.3
NCBI Official Full Name	pyruvate kinase family protein
NCBI Official Symbol	AT3G49160

UniProt Protein Name	Plastidial pyruvate kinase 4, chloroplastic
Protein Family	Plakophilin
UniProt Gene Name	PKP4
UniProt Synonym Gene Names	PKp4
NCBI Protein Information	pyruvate kinase family protein
NCBI Summary for PKP4	Expression of the gene is downregulated in the presence of paraquat, an inducer of photoxidative stress.
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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