Phosphoenolpyruvate Carboxykinase [ATP] (PCK1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoenolpyruvate carboxykinase [ATP] (PCK1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Phosphoenolpyruvate carboxykinase [ATP] (PCK1) , partial
Product Gene Name	PCK1 recombinant protein
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	60,983 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 P10963
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PCK1 recombinant protein	MBS1233350 is a recombinant protein targeting PCK1. Also known as Recombinant Saccharomyces cerevisiae Phosphoenolpyruvate carboxykinase [ATP] (PCK1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PCK1 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 PCK1. It may not necessarily be applicable to this product.

NCBI GI #	398365505
NCBI GeneID	853972
NCBI Accession #	NP_013023.3
UniProt Primary Accession #	P10963
UniProt Secondary Accession #	D6VXF8; E9P963
UniProt Related Accession #	P10963
GenBank Nucleotide #	NM_001179887.3
NCBI Official Full Name	phosphoenolpyruvate carboxykinase PCK1
NCBI Official Symbol	PCK1

NCBI Official Synonym Symbols	JPM2; PPC1
UniProt Protein Name	Phosphoenolpyruvate carboxykinase (ATP)
Protein Family	Phosphoenolpyruvate carboxykinase
UniProt Gene Name	PCK1
UniProt Synonym Gene Names	PEPC; PPC1
NCBI Protein Information	phosphoenolpyruvate carboxykinase PCK1
Research Articles on PCK1	**1.** Functional evaluation of serine 252 of Saccharomyces cerevisiae PCK1 is reported.
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