Phosphoenolpyruvate Carboxykinase [ATP] (pckA) Salmonella Choleraesuis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoenolpyruvate carboxykinase [ATP] (pckA), Recombinant Protein
Full Product Name	Recombinant Salmonella choleraesuis Phosphoenolpyruvate carboxykinase [ATP] (pckA), partial
Product Gene Name	pckA recombinant protein
Product Synonym Gene Name	pckA
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	59,677 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 Q57IX4
Species	Salmonella choleraesuis (strain SC-B67)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pckA recombinant protein	MBS1350357 is a recombinant protein targeting pckA. Also known as Recombinant Salmonella choleraesuis Phosphoenolpyruvate carboxykinase [ATP] (pckA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pckA 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 pckA. It may not necessarily be applicable to this product.

NCBI GI #	486186035
NCBI Accession #	WP_001541020.1
UniProt Primary Accession #	Q57IX4
GenBank Nucleotide #	WP_001541020.1
NCBI Official Full Name	phosphoenolpyruvate carboxykinase (ATP)
UniProt Protein Name	Phosphoenolpyruvate carboxykinase (ATP)
UniProt Gene Name	pckA
UniProt Synonym Gene Names	PCK; PEP carboxykinase; PEPCK

UniProt Comments for pckA	Involved in the gluconeogenesis. Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP) through direct phosphoryl transfer between the nucleoside triphosphate and OAA.
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