Phosphoenolpyruvate Carboxylase (ppc) Streptomyces Coelicolor Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoenolpyruvate carboxylase (ppc), Recombinant Protein
Full Product Name	Recombinant Streptomyces coelicolor Phosphoenolpyruvate carboxylase (ppc), partial
Product Gene Name	ppc recombinant protein
Product Synonym Gene Name	ppc
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	101,297 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 Q9RNU9
Species	Streptomyces coelicolor (strain BAA-471 / A3(2) / M145)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ppc recombinant protein	MBS1450801 is a recombinant protein targeting ppc. Also known as Recombinant Streptomyces coelicolor Phosphoenolpyruvate carboxylase (ppc), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ppc 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 ppc. It may not necessarily be applicable to this product.

NCBI GI #	21221565
NCBI GeneID	1098561
NCBI Accession #	NP_627344.1
UniProt Primary Accession #	Q9RNU9
UniProt Related Accession #	Q9RNU9
GenBank Nucleotide #	NC_003888.3
NCBI Official Full Name	phosphoenolpyruvate carboxylase
NCBI Official Symbol	SCO3127
NCBI Official Synonym Symbols	ppc; SCE66.06c

UniProt Protein Name	Phosphoenolpyruvate carboxylase
UniProt Gene Name	ppc
UniProt Synonym Gene Names	PEPC; PEPCase
NCBI Protein Information	phosphoenolpyruvate carboxylase
UniProt Comments for ppc	Forms oxaloacetate, a four-carbon dicarboxylic acid source for the tricarboxylic acid cycle.
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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