Putative Phosphotransferase Ydia (ydiA) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase ydiA (ydiA), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Putative phosphotransferase ydiA (ydiA)
Product Gene Name	ydiA recombinant protein
Sequence	MDNVVDRHVF YISDGTAITA EVLGHAVMSQ FPVTISSITL PFVENESRAR AVKDQIDAIY QQTGVRPLVF YSIVLPEIRA IILQSEGFCQ DIVQALVAPL QQEMKLDPTP IAHRTHGLNP GNLNKYDARI AAIDYTLAHD DGISLRNLDQ AQVILLGVSR CGKTPTSLYL AMQFGIRAAN YPFIADDMDN LTLPTSLKPL QHKLFGLTID PERLAAIREE RRENSRYASL RQCRMEVAEV EALYRKNQIP CLNSTNYSVE EIATKILDIM GLNRRMY
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	31,149 Da
Sequence Positions	1-277, Full length protein
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 P67197
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ydiA recombinant protein	MBS1263284 is a recombinant protein targeting ydiA. Also known as Recombinant Salmonella typhimurium Putative phosphotransferase ydiA (ydiA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ydiA 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 ydiA. It may not necessarily be applicable to this product.

NCBI GI #	16764699
NCBI GeneID	1252866
NCBI Accession #	NP_460314.1
UniProt Primary Accession #	P67197
UniProt Secondary Accession #	Q8XG91
UniProt Related Accession #	P67197

GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	phosphoenolpyruvate synthase regulatory protein
NCBI Official Symbol	ydiA
UniProt Protein Name	Phosphoenolpyruvate synthase regulatory protein
UniProt Synonym Protein Names	Pyruvate, water dikinase regulatory protein
UniProt Gene Name	ppsR
UniProt Synonym Gene Names	PEP synthase regulatory protein; PSRP
NCBI Protein Information	phosphoenolpyruvate synthase regulatory protein
UniProt Comments for ydiA	Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the phosphoenolpyruvate synthase (PEPS) by catalyzing its phosphorylation/dephosphorylation.
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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