Phosphopentomutase (deoB) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphopentomutase (deoB), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Phosphopentomutase (deoB)
Product Gene Name	deoB recombinant protein
Product Synonym Gene Name	deoB
Sequence	MKRAFLIVLD SFGIGATKDA HRFGDVGANT FGNIAKFCFL NKANNYGRKG LLYIPHLLSL GLAKVAIASS GQDLLGIQDT NNVIGSYAYS NEISSGKDTS SGHWEIAGAP VLFDWDYFSS SLNSVPKYLI QDIVDQCNLS GFLGNCHASG TDILDRFGEI HISTKKPILY TSIDSVCQIA CHESIFGLKR LYNLCRSIRK IFDKRKINIA RIIARPFTGF KKEHFRRTGN RRDFSMEPHK ITVMEKLIGE KKGRVIAIGK ISDIYAGKGI SCSMYATGLV NLFNTTIQEI KNAKNNTIVF VNFVDFDSLW GHRRDVSGYA KDLEWFDYNL PKLLKLVHNE DLLIITADHG CDPTWIGTDH TRENVPILIY QRSMESKNFG YRETFSDIGQ TLAKYFNLST MSYGTSIF
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	45,848 Da
Sequence Positions	1-408, 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 Q89A57
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for deoB recombinant protein	MBS1392139 is a recombinant protein targeting deoB. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Phosphopentomutase (deoB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of deoB 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 deoB. It may not necessarily be applicable to this product.

NCBI GI #	499404123
NCBI Accession #	WP_011091590.1
UniProt Primary Accession #	Q89A57
GenBank Nucleotide #	WP_011091590.1

NCBI Official Full Name	phosphopentomutase
UniProt Protein Name	Phosphopentomutase
UniProt Synonym Protein Names	Phosphodeoxyribomutase
Protein Family	Phosphopentomutase
UniProt Gene Name	deoB
UniProt Comments for deoB	Phosphotransfer between the C1 and C5 carbon atoms of pentose.
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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