Phosphopentomutase (deoB) Tolumonas Auensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphopentomutase (deoB), Recombinant Protein
Full Product Name	Recombinant Tolumonas auensis Phosphopentomutase (deoB)
Product Gene Name	deoB recombinant protein
Sequence	MKRTIILMLD SLGIGASADA VRFGDEGANT LGHIAQACVT GNADNGRKGP LTLPNLTRLG LAHACAASCG EFPAGLDASV TPIAAYGYAR ELSSGKDTPS GHWEMAGAPV LFDWGYFTDK QNSFPPELLD ALVAQGNLPG YLGNCHASGT EILDRLGEEH MRSGKPIFYT SADSVFQIAC HEETYGLDKL YELCKLARQL LEPYNIGRVI ARPFVGSKAG EFKRTGNRHD YAVEPPMPTL LDRMKAAGGD VISIGKIADI YACCGITQQH KATGLDELWD MTLAQVKTAA DQSIIFTNFV DFDSSYGHRR DVAGYAAALE YFDSRLPELL ALLLPGDRVV LTADHGCDPI WTGTDHTREH VPVIFYGDTV QPQDLGMRDT FADIGQTIAA YHGLPVLDYG SNCLPEHH
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	44,137 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 C4LAY9
Species	Tolumonas auensis (strain DSM 9187 / TA4)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for deoB recombinant protein	MBS1233300 is a recombinant protein targeting deoB. Also known as Recombinant Tolumonas auensis 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 #	506359922
NCBI Accession #	WP_015879641.1
UniProt Primary Accession #	C4LAY9
GenBank Nucleotide #	WP_015879641.1
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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