Anaerobic Glycerol-3-Phosphate Dehydrogenase Subunit B (glpB) Haemophilus Somnus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Anaerobic glycerol-3-phosphate dehydrogenase subunit B (glpB), Recombinant Protein
Full Product Name	Recombinant Haemophilus somnus Anaerobic glycerol-3-phosphate dehydrogenase subunit B (glpB)
Product Gene Name	glpB recombinant protein
Product Synonym Gene Name	glpB
Sequence	MKFDVVIIGG GLAGLTCGIM LQQKGKCCAI INNGQSAMNF SSGSMDLLSQ LPNGEKINSF EQGYDSLEEQ LPNHPYCLFG KQHVLQKAKQ FEQLIEKINL NVTGSYKQNH FRVTPLGGLH RTWLSADCIP TMDLHDEHFG YQKITVLGIE GYHDFQPHLL AENLIQHPQF THCSITTALL HLPELDQLRL TSREFRSVNI SQLLEHRLAF RELVQEIKQA SGDGEAIFLP ACFGLDNQDF FNKLTLETGL NLYELPTLPP SLVGLRQHKK LKTYFEKLGG FILNGDKALR AVIEDQQVKQ IYTQLHQEHG IFAEHFVLAS GSFFSNGLVS VFDRLLEPIF DVDMIGNSMI DIQNRLTWTA RRFSSPQPYQ SAGVAINSCC QLKKSGQIIK NLYAAGNVIG GYNALELGCG SGVAVVTALT VADNIIEAQN RV
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	48,078 Da
Sequence Positions	1-432, 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 Q0I239
Species	Haemophilus somnus (strain 129Pt) (Histophilus somni (strain 129Pt))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glpB recombinant protein	MBS1318630 is a recombinant protein targeting glpB. Also known as Recombinant Haemophilus somnus Anaerobic glycerol-3-phosphate dehydrogenase subunit B (glpB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glpB 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 glpB. It may not necessarily be applicable to this product.

NCBI GI #	499927936
NCBI Accession #	WP_011608670.1
UniProt Primary Accession #	Q0I239

GenBank Nucleotide #	WP_011608670.1
NCBI Official Full Name	anaerobic glycerol-3-phosphate dehydrogenase subunit B
UniProt Protein Name	Anaerobic glycerol-3-phosphate dehydrogenase subunit B
Protein Family	Anaerobic glycerol-3-phosphate dehydrogenase
UniProt Gene Name	glpB
UniProt Synonym Gene Names	Anaerobic G-3-P dehydrogenase subunit B; Anaerobic G3Pdhase B
UniProt Comments for glpB	Conversion of glycerol 3-phosphate to dihydroxyacetone. Uses fumarate or nitrate as electron acceptor.
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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