Glyceraldehyde-3-Phosphate Dehydrogenase (GPD) Lyophyllum Shimeji Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glyceraldehyde-3-phosphate dehydrogenase (GPD), Recombinant Protein
Full Product Name	Recombinant Lyophyllum shimeji Glyceraldehyde-3-phosphate dehydrogenase (GPD)
Product Gene Name	GPD recombinant protein
Product Synonym Gene Name	GPD
Sequence	MVNVGINGFG RIGRIVFRNA LLNPKIQVVA INDPFINLEY MVYMFKYDSV HGRFKGTVEA KDGKLWIQGK PVIVYGEKNP SDIKWGAAGR DYVVESTGVF TTVEKAEGHL KGGAKKVIIS APSADAPMFV MGCNLDQYDP KYTVISNASC TTNCLAPLTK VIHDKYGIIE GLMSTIHATT ATQKTVDGPS NKDWRGGRAV VNNIIPSSTG AAKAVGKVIP SLNGKLTGLS FRVPTIDVSV IDLVVRLEKP ASYEDIKKTV KEASEGAYKG IIEYTEEQVV SADFIGHHAS SIFDAQAGIQ LNPNFVKLIV WYDNEWGYSA RVCDLLVFAA EQDAKQQ
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	36,724 Da
Sequence Positions	1-337, 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 Q92243
Species	Lyophyllum shimeji (Hon-shimeji)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GPD recombinant protein	MBS1329124 is a recombinant protein targeting GPD. Also known as Recombinant Lyophyllum shimeji Glyceraldehyde-3-phosphate dehydrogenase (GPD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GPD 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 GPD. It may not necessarily be applicable to this product.

NCBI GI #	2494640
NCBI Accession #	Q92243.1
UniProt Primary Accession #	Q92243
NCBI Official Full Name	Glyceraldehyde-3-phosphate dehydrogenase

UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
Protein Family	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	GPD
UniProt Synonym Gene Names	GAPDH
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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