Probable Phosphoglycerate Mutase Gpmb (gpmB) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable phosphoglycerate mutase GpmB (gpmB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Probable phosphoglycerate mutase GpmB (gpmB)
Product Gene Name	gpmB recombinant protein
Sequence	MLQVYLVRHG ETQWNAERRI QGQSDSPLTA KGEQQAMQVA TRAKELGITH IISSDLGRTR RTAEIIAQAC GCDIIFDSRL RELNMGVLEK RHIDSLTEEE ENWRRQLVNG TVDGRIPEGE SMQELSDRVN AALESCRDLP QGSRPLLVSH GIALGCLVST ILGLPAWAER RLRLRNCSIS RVDYQESLWL ASGWVVETAG DISHLDAPAL DELQR
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	24,065 Da
Sequence Positions	1-215, 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 P0A7A2
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gpmB recombinant protein	MBS1149385 is a recombinant protein targeting gpmB. Also known as Recombinant Escherichia coli Probable phosphoglycerate mutase GpmB (gpmB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gpmB 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 gpmB. It may not necessarily be applicable to this product.

NCBI GI #	16132212
NCBI GeneID	948918
NCBI Accession #	NP_418812.1
UniProt Primary Accession #	P0A7A2
UniProt Secondary Accession #	P36942; Q2M5S2
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	phosphatase
NCBI Official Symbol	ytjC
NCBI Official Synonym Symbols	ECK4387; gpmB; JW4358
UniProt Protein Name	Probable phosphoglycerate mutase GpmB
UniProt Synonym Protein Names	PGAM
Protein Family	Probable phosphoglycerate mutase
UniProt Gene Name	gpmB
NCBI Protein Information	phosphatase
NCBI Summary for gpmB	gpmB nomenclature was prematurely assigned based on N-terminal homology to the gpm genes and is no longer appropriate. [More information is available at EcoGene: EG12164]. The enzyme has not been characterized and the subunit structure is unknown. [More information is available at EcoCyc: EG12164].
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