PTS System Glucoside-Specific EIICBA Component (glcB) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	PTS system glucoside-specific EIICBA component (glcB), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus PTS system glucoside-specific EIICBA component (glcB), partial
Product Gene Name	glcB recombinant protein
Product Synonym Gene Name	glcB
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	74,416 Da
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 Q8NUS2
Species	Staphylococcus aureus (strain MW2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glcB recombinant protein	MBS7096237 is a recombinant protein targeting glcB. Also known as Recombinant Staphylococcus aureus PTS system glucoside-specific EIICBA component (glcB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glcB 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 glcB. It may not necessarily be applicable to this product.

NCBI GI #	446395820
NCBI Accession #	WP_000473675.1
UniProt Primary Accession #	Q8NUS2
GenBank Nucleotide #	WP_000473675.1
NCBI Official Full Name	MULTISPECIES: PTS glucoside EIICBA component
UniProt Protein Name	PTS system glucoside-specific EIICBA component
UniProt Synonym Protein Names	Glucoside permease IIC componentAlternative name(s):PTS system glucoside-specific EIIC component
Protein Family	Malate synthase

UniProt Gene Name	glcB
UniProt Comments for glcB	The phosphoenolpyruvate-dependent sugar phosphotransferase system (sugar PTS), a major carbohydrate active - transport system, catalyzes the phosphorylation of incoming sugar substrates concomitantly with their translocation across the cell membrane. This system is involved in alpha- and beta-glucoside transport ().
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