Glucose Starvation-Inducible Protein B (gsiB) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glucose starvation-inducible protein B (gsiB), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Glucose starvation-inducible protein B (gsiB)
Product Gene Name	gsiB recombinant protein
Sequence	ADNNKMSREE AGRKGGETTS KNHDKEFYQE IGQKGGEATS KNHDKEFYQE IGEKGGEATS KNHDKEFYQE IGEKGGEATS ENHDKEFYQE IGRKGGEATS KNHDKEFYQE IGSKGGNARN ND
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	13,798 Da
Sequence Positions	2-123, 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 P26907
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gsiB recombinant protein	MBS1225845 is a recombinant protein targeting gsiB. Also known as Recombinant Bacillus subtilis Glucose starvation-inducible protein B (gsiB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gsiB 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 gsiB. It may not necessarily be applicable to this product.

NCBI GI #	16077507
NCBI GeneID	938235
NCBI Accession #	NP_388321.1
UniProt Primary Accession #	P26907
UniProt Related Accession #	P26907
GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	glucose starvation-inducible protein B

NCBI Official Symbol	gsiB
UniProt Protein Name	Glucose starvation-inducible protein B
UniProt Synonym Protein Names	General stress protein B
Protein Family	Glucose starvation-inducible protein
UniProt Gene Name	gsiB
NCBI Protein Information	glucose starvation-inducible protein B
UniProt Comments for gsiB	Involved in an adaptive response to nutrient deprivation other than sporulation.
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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