Thiosulfate Sulfurtransferase Glpe (glpE) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thiosulfate sulfurtransferase glpE (glpE), Recombinant Protein
Full Product Name	Recombinant Actinobacillus pleuropneumoniae serotype 3 Thiosulfate sulfurtransferase glpE (glpE)
Product Gene Name	glpE recombinant protein
Sequence	MSETFTEISP HQAWELIENE GATLADIRDG RRYAYSHPQD AFHLTNESYG RFLDEVDYEE PVIVICYHGV SSRNTAQFLV EQGFDRVYSV KGGFDGWERS GLPIETAY
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	12,385 Da
Sequence Positions	1-108, Full length
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 B0BRY5
Species	Actinobacillus pleuropneumoniae serotype 3 (strain JL03)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glpE recombinant protein	MBS1264740 is a recombinant protein targeting glpE. Also known as Recombinant Actinobacillus pleuropneumoniae serotype 3 Thiosulfate sulfurtransferase glpE (glpE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glpE 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 glpE. It may not necessarily be applicable to this product.

NCBI GI #	501219671
NCBI Accession #	WP_012262689.1
UniProt Primary Accession #	B0BRY5
GenBank Nucleotide #	WP_012262689.1
NCBI Official Full Name	thiosulfate sulfurtransferase
UniProt Protein Name	Thiosulfate sulfurtransferase GlpE
Protein Family	Thiosulfate sulfurtransferase

UniProt Gene Name	glpE
UniProt Comments for glpE	Catalyzes, although with low efficiency, the sulfur transfer reaction from thiosulfate to cyanide.
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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