Glycogen Synthesis Protein Glgs (glgS) Escherichia Coli O7:k1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycogen synthesis protein glgS (glgS), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O7:K1 Glycogen synthesis protein glgS (glgS)
Product Gene Name	glgS recombinant protein
Sequence	MDHSLNSLNN FDFLARSFAR MHAEGRPVDI LAVTGNMDEE HRTWFCARYA WYCQQMMQAR ELELEH
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	7,892 Da
Sequence Positions	1-66, 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 B7NJR2
Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glgS recombinant protein	MBS1238232 is a recombinant protein targeting glgS. Also known as Recombinant Escherichia coli O7:K1 Glycogen synthesis protein glgS (glgS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glgS 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 glgS. It may not necessarily be applicable to this product.

NCBI GI #	446272240
NCBI Accession #	WP_000350095.1
UniProt Primary Accession #	B7NJR2
GenBank Nucleotide #	WP_000350095.1
NCBI Official Full Name	MULTISPECIES: glycogen synthase
UniProt Protein Name	Surface composition regulator
Protein Family	Surface composition regulator
UniProt Gene Name	glgS

UniProt Comments for glgS	Major determinant of cell surface composition. Negatively regulates motility, adhesion and synthesis of biofilm exopolysaccharides.
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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