Glutaminase 1 (glsA1) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutaminase 1 (glsA1), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Glutaminase 1 (glsA1)
Product Gene Name	glsA1 recombinant protein
Product Synonym Gene Name	glsA1
Sequence	MLDANKLQQA VDQAYTQFHS LNGGQNADYI PFLANVPGQL AAVAIVTSDG NVYSAGDSDY RFALESISKV CTLALALEDV GPQAVQDKIG ADPTGLPFNS VIALELHGGK PLSPLVNAGA IATTSLINAE NAEQRWQRIL HIQQQLAGEL VALSDEVNQS EQTTNFHNRA IAWLLYSAGY LYCDAMEACD VYTRQCSTLI NTVELATLGA TLAAGGVNPL THKRVLQADN VPYILAEMMM EGLYGRSGDW AYRVGLPGKS GVGGGILAVV PGVMGIAAFS PPLDEEGNSV RGQKMVASVA KQLGYNVFKG
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	32,844 Da
Sequence Positions	1-310, 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 Q8XD23
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glsA1 recombinant protein	MBS1352722 is a recombinant protein targeting glsA1. Also known as Recombinant Escherichia coli O157:H7 Glutaminase 1 (glsA1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glsA1 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 glsA1. It may not necessarily be applicable to this product.

NCBI GI #	15829792
NCBI GeneID	914642
NCBI Accession #	NP_308565.1
UniProt Primary Accession #	Q8XD23
GenBank Nucleotide #	NC_002695.1

NCBI Official Full Name	glutaminase
NCBI Official Symbol	ECs0538
UniProt Protein Name	Glutaminase 1
Protein Family	Glutaminase
UniProt Gene Name	glsA1
NCBI Protein Information	glutaminase
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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