Glutamine--Trna Ligase (glnS) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamine--tRNA ligase (glnS), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Glutamine--tRNA ligase (glnS), partial
Product Gene Name	glnS recombinant protein
Product Synonym Gene Name	glnS
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	64,655 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 Q88IU5
Species	Pseudomonas putida (strain KT2440)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glnS recombinant protein	MBS1344925 is a recombinant protein targeting glnS. Also known as Recombinant Pseudomonas putida Glutamine--tRNA ligase (glnS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glnS 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 glnS. It may not necessarily be applicable to this product.

NCBI GI #	26989623
NCBI GeneID	1042815
NCBI Accession #	NP_745048.1
UniProt Primary Accession #	Q88IU5
UniProt Related Accession #	Q88IU5
GenBank Nucleotide #	NC_002947.4
NCBI Official Full Name	glutamine--tRNA ligase
NCBI Official Symbol	glnS
UniProt Protein Name	Glutamine--tRNA ligase

UniProt Synonym Protein Names	Glutaminyl-tRNA synthetase
Protein Family	Glutamine--tRNA ligase
UniProt Gene Name	glnS
UniProt Synonym Gene Names	GlnRS
NCBI Protein Information	glutamine--tRNA ligase
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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