Glutamine Synthetase (GLN1) Gibberella Fujikuroi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamine synthetase (GLN1), Recombinant Protein
Full Product Name	Recombinant Gibberella fujikuroi Glutamine synthetase (GLN1)
Product Gene Name	GLN1 recombinant protein
Product Synonym Gene Name	GLN1
Sequence	MATPITSRTE TLQKYLKLDQ KGMIMAEYVW VDADGGTRSK SRTLPEKEYK PEDLPVWNFD GSSTNQAPGD NSDVYLRPCA VYPDPFRGSP NIIVLAECWN ADGTPNKYNF RHDCVKVMDT YADDEPLFGL EQEYTLLGSD NRPYGWPAGG FPAPQGEYYC GVGTGKVVQR DIVEAHYKAC LYAGIQISGT NAEVMPAQWE YQVGPCTGIA MGDQLWISRF FLHRVAEEFG AKVSLHPKPI AGDWNGGLHS NFSTKAMREE GGMKVIEEAL KKLEPHHVEC IAEYGEDNEL RLTGRHETGS IDSFSWGVAN RGTSIRVPRE TAAKGYGYFE DRRPASNADP YRVTKVLLQF SMA
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	39,389 Da
Sequence Positions	1-353, 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 Q9C2U9
Species	Gibberella fujikuroi (Bakanae and foot rot disease fungus) (Fusarium moniliforme)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GLN1 recombinant protein	MBS1329093 is a recombinant protein targeting GLN1. Also known as Recombinant Gibberella fujikuroi Glutamine synthetase (GLN1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GLN1 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 GLN1. It may not necessarily be applicable to this product.

NCBI GI #	21362577
NCBI Accession #	Q9C2U9.1
UniProt Primary Accession #	Q9C2U9
NCBI Official Full Name	Glutamine synthetase
UniProt Protein Name	Glutamine synthetase

UniProt Synonym Protein Names	Glutamate--ammonia ligase
UniProt Gene Name	GLN1
UniProt Synonym Gene Names	GS
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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