GMP Synthase [Glutamine-Hydrolyzing] (GUA1) Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	GMP synthase [glutamine-hydrolyzing] (GUA1), Recombinant Protein
Full Product Name	Recombinant Ustilago maydis GMP synthase [glutamine-hydrolyzing] (GUA1), partial
Product Gene Name	GUA1 recombinant protein
Product Synonym Gene Name	GUA1
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	60,291 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 Q4P763
Species	Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GUA1 recombinant protein	MBS1329056 is a recombinant protein targeting GUA1. Also known as Recombinant Ustilago maydis GMP synthase [glutamine-hydrolyzing] (GUA1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GUA1 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 GUA1. It may not necessarily be applicable to this product.

NCBI GI #	758981803
NCBI GeneID	23564338
NCBI Accession #	XP_011390491.1
UniProt Primary Accession #	Q4P763
UniProt Secondary Accession #	A0A0D1DUS8
UniProt Related Accession #	Q4P763
GenBank Nucleotide #	XM_011392189.1
NCBI Official Full Name	putative GMP synthase (glutamine-hydrolyzing)
NCBI Official Symbol	UMAG_04050

UniProt Protein Name	GMP synthase [glutamine-hydrolyzing]
UniProt Synonym Protein Names	GMP synthetase; Glutamine amidotransferase
UniProt Gene Name	GUA1
NCBI Protein Information	putative GMP synthase (glutamine-hydrolyzing)
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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