Glutamate Synthase 2 [NADH], Chloroplastic (Os05g0555600, Loc_os05g48200) (OS05G0555600) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamate synthase 2 [NADH], chloroplastic (Os05g0555600, LOC_Os05g48200), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Glutamate synthase 2 [NADH], chloroplastic (Os05g0555600, LOC_Os05g48200), partial
Product Gene Name	Os05g0555600 recombinant protein
Product Synonym Gene Name	Os05g0555600; LOC_Os05g48200
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	239,457 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 Q0DG35
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Os05g0555600 recombinant protein	MBS1397941 is a recombinant protein targeting Os05g0555600. Also known as Recombinant Oryza sativa subsp. japonica Glutamate synthase 2 [NADH], chloroplastic (Os05g0555600, LOC_Os05g48200), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Os05g0555600 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 Os05g0555600. It may not necessarily be applicable to this product.

NCBI GI #	1002272210
NCBI GeneID	4339561
NCBI Accession #	XP_015640407.1
UniProt Primary Accession #	Q0DG35
UniProt Secondary Accession #	Q6I618; Q6I619; A7VKB1
UniProt Related Accession #	Q0DG35

GenBank Nucleotide #	XM_015784921.1
NCBI Official Full Name	glutamate synthase 2
NCBI Official Symbol	LOC4339561
NCBI Official Synonym Symbols	GLT2; OJ1214_E03.1; OJ1263_E10.17
UniProt Protein Name	Glutamate synthase 2 [NADH], chloroplastic
UniProt Synonym Protein Names	NADH-dependent glutamate synthase 2; NADH-GOGAT 2
Protein Family	Glutamate synthase
UniProt Gene Name	Os05g0555600
UniProt Synonym Gene Names	NADH-GOGAT 2
NCBI Protein Information	glutamate synthase 2 [NADH], chloroplastic
UniProt Comments for Os05g0555600	Involved in glutamate biosynthesis.
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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