



Recombinant *Oryza sativa* subsp. *japonica* Glutamine synthetase cytosolic isozyme 1-1 (GLN1-1)

Product Code	CSB-MP318563OFG
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P14656
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MASLTDLVNL NLSDTTEKII AEYIWIGGSG MDLRKARTL SGPVTDPSKL PKWNYDGSST GQAPGEDSEV ILYPQAIFKD PFRKGNNILV MDCCYTPAGE PIPTNKRHNA AKIFSSPEVA SEEPWYGIEQ EYTLQKDIN WPLGWPVGGF PGPQGPYYCG IGADKSFGRD IVDSHYKACL YAGINISGIN GEVMPGQWEF QVGPSVGISA GDQVWVARYI LERITEIAGV VVSFDPKPIP GDWNGAGAHT NYSTKSMRND GGYEIIKSAI EKLRHKEH ISAYGEGNER RLTRHETAD INTFSWGVAN RGASVRVGRE TEQNGKGYFE DRRPASNMDP YIVTSMIAET TIIWKP
Source	Mammalian cell
Target Names	GLN1-1
Protein Names	Recommended name: Glutamine synthetase cytosolic isozyme 1-1 EC= 6.3.1.2 Alternative name(s): Glutamate--ammonia ligase GLN1;1 Short name= OsGLN1;1 Glutamine synthetase shoot isozyme OsGS1;1
Expression Region	1-356
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.