



Recombinant *Oryza sativa* subsp. japonica Glutamine synthetase, chloroplastic (GLN2)

Product Code	CSB-EP320404OFG-B
Storage	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.
Uniprot No.	P14655
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	VS TETTGVVTRM EQLLNMDTTP FTDKIIAEYI WVGGTGIDLR SKSRTISKPV EDPSELPKWN YDGSSTGQAP GEDSEVILYP QAIFKDPFRG GNNILVMCDT YTPAGEPIPT NKRNRAAQVF SDPKVVSQVP WFGIEQEYTL LQRDVNWPLG WPVGGYPGPQ GPYYCAVGSD KSFGRDISDA HYKACLYAGI NISGTNGEVM PGQWEYQVGP SVGIEAGDHI WISRYILERI TEQAGVVLTL DPKPIQGDWN GAGCHTNYST KSMREDGGFE VIKKAILNLS LRHDLHISAY GEGNERRLTG LHETASIDNF SWGVANRGCS IRVGRDTEAK GKGYLEDRRP ASNMDPYVVT ALLAETTILW EPTLEAEVLA AKKLALKV
Source	E.coli
Target Names	GLN2
Protein Names	Recommended name: Glutamine synthetase, chloroplastic EC= 6.3.1.2 Alternative name(s): Glutamate--ammonia ligase OsGS2 Short name= GS2
Expression Region	49-428
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 of Mature 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.