



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

<b>Product Code</b>	CSB-EP318563OFG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P14656
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 EKCLKLRHKEH ISAYGEGNER RLTRRHETAD INTFSWGVAN RGASVRVGRE TEQNGKGYFE DRRPASNMDP YIVTSMIAET TIIWKP
<b>Source</b>	E.coli
<b>Target Names</b>	GLN1-1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-356
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.