



Recombinant Arabidopsis thaliana Glutamine synthetase cytosolic isozyme 1-3 (GLN1-3)

Product Code	CSB-EP881837DOA-B
Abbreviation	GLN1-3
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.	Q9LVI8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MSLLSDLVNL NLTDATGKII AEYIWIGGSG MDIRSKARTL PGPVTDPSKL PKWNYDGSST GQAAGEDSEV ILYPQAIFKD PFRKGNNILV MCDAYTPAGD PIPTNKRHNA AKIFSHPDVA KEEPWYGIEQ EYTLMQKDVN WPIGWVGGY PGPQGPYYCG VGADKAIGRD IVDAHAKACL YAGIGISGIN GEVMPGQWEF QVGPVEGISS GDQVWVARYL LERITEISGV IVSFDPKPVP GDWNGAGAHC NYSTKTMRND GGLEVIKKAI GKLQKHKHEH IAAYGEGNER RLTGKHETAD INTFSWGVAN RGASVRVGRD TEKEGKGYFE DRRPASNMDP YVVTSMIAET TILG
Source	E.coli
Target Names	GLN1-3
Protein Names	Recommended name: Glutamine synthetase cytosolic isozyme 1-3 Short name= GS1 EC= 6.3.1.2 Alternative name(s): Glutamate--ammonia ligase GLN1;3 Short name= GLN1;3
Expression Region	1-354
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.