



Recombinant Zea mays Glutamine synthetase root isozyme 5 (GS1-5)

Product Code	CSB-EP336468ZAX-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.	P38563
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MASLTDLVNL DLSDCTDKII AEYIWVGGSG IDLRKARTV KGPITDPSQL PKWNYDGSST GQAPGEDSEV ILYPQAIFKD PFRKGNNILV MCDCYTPQGE PIPSNKRYKA ATVFSHPDVA AEVPWYGIEQ EYLLQKDL S WPLGWPVGGY PGPQGPYYCA AGADKAFGRD VVDAHAKACL YAGINISGIN GEVMPGQWFE QVGPSVGISA GDEIWWARYI LERITEMAGI VLSLDPKPIK GDWNGAGAHT NYSTKSMREA GGYEVIKEAI EKLGRRHREH IAAYGEGNER RLTGRHETAD INTFKWGVAN RGASIRVGRD TEKEGKGYFE DRRPASNMDP YVVTGMIADT TILWKGN
Source	E.coli
Target Names	GS1-5
Protein Names	Recommended name: Glutamine synthetase root isozyme 5 EC= 6.3.1.2 Alternative name(s): GS117 Glutamate--ammonia ligase
Expression Region	1-357
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.