



Recombinant Zea mays Glutamine synthetase root isozyme 4 (GLN5)

Product Code	CSB-EP334443ZAX-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.	P38562
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MACLTDLVNL NLSDTTEKII AEYIWIGGSG MDLRKARTL PGPVTDPSKL PKWNYDGSST GQAPGEDSEV ILYPQAIFKD PFRRGNILV MCDCYTPAGE PIPTNKRYSA AKIFSSPEVA AEEPWYGIEQ EYLLQKDTN WPLGWPIGGF PGPQGPYYCG IGAEKSFGRD IVDAHAKACL YAGINISGIN GEVMPGQWEF QVGPSVGISS GDQVWVARYI LERITEIAGV VVTFDPKPIP GDWNGAGAHT NYSTESMRKE GGYEVIKAAI EKLKLRHKEH IAAYGEGNER RLTGRHETAD INTFSWGVAN RGASVAVGQT EQNGKGYFED RRPASNMDPY VVTSMIAETT IVWKP
Source	E.coli
Target Names	GLN5
Protein Names	Recommended name: Glutamine synthetase root isozyme 4 EC= 6.3.1.2 Alternative name(s): GS107 Glutamate--ammonia ligase
Expression Region	1-355
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.