



# Recombinant Zea mays Glutamine synthetase root isozyme 4 (GLN5)

<b>Product Code</b>	CSB-EP334443ZAX
<b>Storage</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.
<b>Uniprot No.</b>	P38562
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zea mays (Maize)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	GLN5
<b>Protein Names</b>	Recommended name: Glutamine synthetase root isozyme 4 EC= 6.3.1.2 Alternative name(s): GS107 Glutamate--ammonia ligase
<b>Expression Region</b>	1-355
<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.