Recombinant Serine hydroxymethyltransferase (glyA)

Product Code	CSB-YP820250EOD
Abbreviation	glyA
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.	Q8XA55
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MLKREMNIAD YDAELWQAME QEKVRQEEHI ELIASENYTS PRVMQAQGSQ LTNKYAEGYP GKRYYGGCEY VDIVEQLAID RAKELFGADY ANVQPHSGSQ ANFAVYTALL EPGDTVLGMN LAHGGHLTHG SPVNFSGKLY NIVPYGIDAT GHIDYADLEK QAKEHKPKMI IGGFSAYSGV VDWAKMREIA DSIGAYLFVD MAHVAGLVAA GVYPNPVPHA HVVTTTTHKT LAGPRGGLIL AKGGSEELYK KLNSAVFPGG QGGPLMHVIA GKAVALKEAM EPEFKTYQQQ VAKNAKAMVE VFLERGYKVV SGGTDNHLFL VDLVDKNLTG KEADAALGRA NITVNKNSVP NDPKSPFVTS GIRVGTPAIT RRGFKEVEAK ELAGWMCDVL DSINDEAVIE RIKGKVLDIC ARYPVYA
Source	Yeast
Target Names	glyA
Protein Names	Recommended name: Serine hydroxymethyltransferase Short name= SHMT Short name= Serine methylase EC= 2.1.2.1
Expression Region	1-417
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.