



# Recombinant Serine hydroxymethyltransferase (glyA)

<b>Product Code</b>	CSB-YP727811SRW
<b>Abbreviation</b>	glyA
<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>	Q67N41
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Symbiobacterium thermophilum (strain T / IAM 14863)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDALKRYDPE VFAAIQQEVE RQQRNIELIA SENFVPKAVL EAAGTVLTNK YAEGYPGRRY YGGCEYVDIV ENIARERLKA AFGAEHVNQ PHSGANANTA VYFAFLQPGD TVLGMNLAQG GHLTHGSPVN FSGRTYNFVP YGLDPETERI NMDQVAELAR QHRPKLIVAG YSAYPRVLDL KRFREIAEEV GAILMVDMAH FAGLAATGYY PNPVEHAHVV TTTTHKTLRG PRGGAILCKK EFAKEIDKAV FPGMQGGPLM HIIAAKAVAF KQLSDPDYRA YCGQVVKNAK ALAQALLERG YRLVTGGTDN HLMLVDLRPK GITGRDAEHL LDRVSITVNK NAIPNDPEKP MVTSGIRIGT PAMTTRGMKE AEMVQIADLI DRAITHRNDE AELDRIRAEV HELTARFPLY AD
<b>Source</b>	Yeast
<b>Target Names</b>	glyA
<b>Protein Names</b>	Recommended name: Serine hydroxymethyltransferase Short name= SHMT Short name= Serine methylase EC= 2.1.2.1
<b>Expression Region</b>	1-412
<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.