



Recombinant *Salinispora arenicola* Serine hydroxymethyltransferase (glyA)

Product Code	CSB-EP021274STC-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8M1D3
Product Type	Recombinant Protein
Immunogen Species	<i>Salinispora arenicola</i> (strain CNS-205)
Purity	>85% (SDS-PAGE)
Sequence	MSRNAESTAY RSALEVISAV EPRVADAIRES ELTDQRESLK LIASENYASP ATLLAMGNWF SDKYAEGTIG RRFYAGCQNV DTIEALAAEH ARELFGATHA YVQPHSGIDA NLVAFWAVLA DRVESPTLER ARARHVNDLT EADWFALRRE LGNQRMLGMS LDAGGHLTHG FRPNISGKMF DQRSYGTDPE TGLIDYDQVA EAAREFRPLI LVAGYSAYPR KVNFRIMREI ADSVGATFMV DMAHFAGLVA GKVFTGDFDP VPHAHIVTST THKSLRGPRG GLVLCGPELA EQVDRGCPMV LGGPLPHVMA AKAVALAEAR RPDFADYAER IVANAQALAD GLLRRGAKLV TGGTDNHLAL IDVTGYGLTG RQAEQALLDS GIVTNRNAV P QDPNGAWYTS GIRVGTALPALT TRGLGTAELE ATAELIHTVL SLTSPGANAD GTPSKAKYVL DPAVADRVNK QASELLAGFP LYPALDGL
Source	E.coli
Target Names	glyA
Protein Names	Recommended name: Serine hydroxymethyltransferase Short name= SHMT Short name= Serine methylase EC= 2.1.2.1
Expression Region	1-478
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.