



Recombinant *Saccharomyces cerevisiae* Serine hydroxymethyltransferase, cytosolic (SHM2)

Product Code	CSB-EP330693SVG
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.	P37291
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MPYTLSDAHH KLITSHLVDT DPEVDSIIKD EIERQKHSID LIASENFTST SVFDALGTPL SNKYSEGYPG ARYYGGNEHI DRMEILCQQR ALKAFHVTPD KWGVNVQTLS GSPANLQVYQ AIMKIPHERLM GLYLPDGGHL SHGYATENRK ISAVSTYFES FPYRVNPETG IIDYDTLEKN AILYRPKVLV AGTSAYCRLI DYKRMREIAD KCGAYLMVDM AHISGLIAAG VIPSPFEYAD IVTTTTTHKSL RGPRGAMIFF RRGVRSINPK TGKEVLYDLE NPINFSVFPG HQGGPHNHTI AALATALKQA ATPEFKEYQT QVLKNAKALE SEFKNLGYRL VSNGTDSHMV LVSLREKGV D GARVEYICEK INIALNKNSI PGDKSALVPG GVRIGAPAMT TRGMGEEDFH RIVQYINKAV EFAQQVQQSL PKDACRLKDF KAKVDEGSDV LNTWKKEIYD WAGEYPLAV
Source	E.coli
Target Names	SHM2
Protein Names	Recommended name: Serine hydroxymethyltransferase, cytosolic Short name= SHMT EC= 2.1.2.1 Alternative name(s): Glycine hydroxymethyltransferase Serine methylase
Expression Region	1-469
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



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