



Recombinant *Ashbya gossypii* Serine hydroxymethyltransferase, cytosolic (SHM2)

Product Code	CSB-MP762252DOT
Abbreviation	SHM2
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.	Q75BQ6
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MPYHLSSESHK KLISSHLSES DPEVDIIKD EIDRQKHSIV LIASENLSTST AVFDALGTPM CNKYSEGYPG ARYYGGNQHI DRMELLQRR ALEAFHVTPD RWGVNVQSLG GSPANLQVYQ ALMKPHERLM GLHLPDGGHL SHGYQTETRK ISAVSTYFES FPYRVDPETG IIDYDTLEKN AVLIRPKILV AGTSAYCRLI DYKRMREIAD KVGAYLMVDM AHISGLVAAG VIPSPFEYAD IVTTTTHKSL RGPRGAMIFF RRGVRSVHPK TGEEVMYDLE GPINFSVFPG HQGGPHNHTI SALATALKQA TTPEFREYQE LVLKNAKVLE TEFKKLNYRL VSDGTDSHMV LVSLREKGVG GARVEHVCEK INIALNKNSI PGDKSALVPG GVRIGAPAMT TRGMGEEDFA RIVGYINRAV EIARSIQQSL PKEANRLKDF KAKVEDGTDE IAQLAQEIYS WTEEYPLPV
Source	Mammalian cell
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

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