



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

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|--------------------------|---|
| Product Code | CSB-EP762252DOT |
| 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 | MPYHLSSEHK KLISSHLSES DPEVDIIKD EIDRQKHSIV LIASENLTST AVFDALGTPM CNKYSEGYPG ARYYGGNQHI DRMELLQRR ALEAFHVTPD RWGVNVQSLG SPANLQVYQ ALMKPHERLM GLHLPDGGHL SHGYQTETRK ISAVSTYFES FPYRVDPETG IIDYDTLEKN AVLRYPKILV 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 | 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

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