



Recombinant Solanum tuberosum Serine hydroxymethyltransferase, mitochondrial

Product Code	CSB-MP341882FIG
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.	P50433
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	SLPNEAVYD KEKSGVAWPK QLNAPLEVVD PEIADIIEHE KARQWKGLEL IPSENFSTSVS VMQAVGSVMT NKYSEGYPGA RYYGGNEYID MAETLCQKRA LEAFRLDPAK WGVNVQPLSG SPANFQVYTA LLK PHERIMA LDLPHGGHLS HGYQTDTKKI SAVSIFFETM PYRLDESTGY IDYDQLEKSA TLF RPKLIVA GASAYARLYD YDRIRKVCNK QKAILLADMA HISGLVAAGV IPSPFDYADV VTTTTHKSLR GPRGAMIFYR KGVKEVNKQG KEVFDYEDK INQAVFPGLQ GGPHNHTITG LAVALKQATT PEYRAYQE QV LSNSSKFAQA LGEKGYELVS GGTDNHLVLV NMKNKGIDGS RVEKVLEAVH IAANKNTVPG DVSAMVPGGI RMGTPALTSR GFLEEDFVKV ADFFDAAVKI AVKVKAETQG TKLKDFVATL ESSAPIKSEI AKLRHDVEEY AKQFPTIGFE KETMKYKN
Source	Mammalian cell
Protein Names	Recommended name: Serine hydroxymethyltransferase, mitochondrial Short name= SHMT EC= 2.1.2.1 Alternative name(s): Glycine hydroxymethyltransferase Serine methylase
Expression Region	32-518
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 of Mature 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.