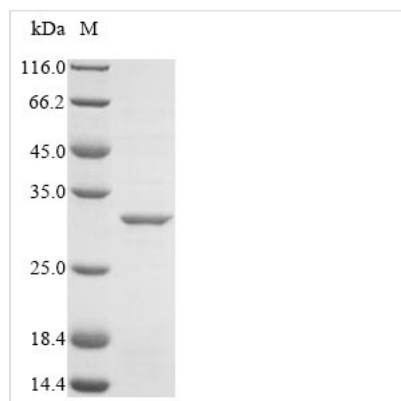




Recombinant Symbiobacterium thermophilum DNA mismatch repair protein MutS (mutS), partial

Product Code	CSB-EP727813SRW
Abbreviation	Recombinant Symbiobacterium thermophilum mutS protein, partial
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.	Q67NK1
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	YGYCRPLVDGSTVLELKGSRHPVLERVMEEGAFVPNDLLVDTGENRVLLITGP NMGGKSTVMRQAALAVILAQAGSFVPAESAHIHGLVDRVFTRVGASDDLATGRS TFMVEMTEVANILHSATERSLVVLDEVGRGTATFDGLSIAWAITEHIHQAGCRT LFATHYHELCELEGILPGVKNYSVAVMEKGEDIIFLRKLVRGGADRS
Research Area	Others
Source	E.coli
Target Names	mutS
Protein Names	Recommended name: DNA mismatch repair protein MutS
Expression Region	574-781aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	29.4 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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.