



Recombinant Haloarcula marismortui Serine--tRNA ligase (serS)

Product Code	CSB-EP345367HTJ
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.	P54221
Product Type	Recombinant Protein
Immunogen Species	Haloarcula marismortui (strain ATCC 43049 / DSM 3752 / JCM 8966 / VKM B-1809) (Halobacterium marismortui)
Purity	≥85% (SDS-PAGE)
Sequence	MLSRQFVREH PETVRDAIER KGVTGVDLDE ILDIDEEWRE LKAEGDGLRQ ERNEVSSKIG ELKQDGKDEE AQEAIDRSQE LKDELQDIEE RADELESQLE EALLELPNIP HESVPTGEGE ADNVERYREG FDDLRLPDE VVPHYDLGED LDLLDFERGA KVSAGGGYQFV KEGEARLEHA LIQFMLDVHR EQEYVDVLP IPVNSDSMEG TGQLPKFAED AYRVGARQDD DYDSDDLWLL PTAEVPVTNM YRGEILLDDD LPVKHQAFSP NFRREAGEHG TETRGYVRVH QFHKVELVNF VRPENSYDRL ESSLDEAAEV LDRLELPYRV LDMCTGDMGF TQAKKYDIEV WAPGDDMEDG PDRGGRWLEV SSVSNFEDFQ ARRAGLRYP ERHESADYLH TLNGSGLAVP RVLVAIMEYY QNDDGTITVP EPLRPYMGQQ EVI EGSEKIG ESAVGAGEKE
Source	E.coli
Target Names	serS
Protein Names	Recommended name: Serine--tRNA ligase EC= 6.1.1.11 Alternative name(s): Seryl-tRNA synthetase Short name= SerRS Seryl-tRNA(Ser/Sec) synthetase
Expression Region	1-460
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



of lyophilized form is 12 months at -20°C/-80°C.