



Recombinant Staphylococcus aureus Serine--tRNA ligase (serS)

Product Code	CSB-EP309082FLF-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P95689
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain NCTC 8325)
Purity	≥85% (SDS-PAGE)
Sequence	MLDIRLFRNE PDTVKSKIEL RGDDPKVVDE ILELDEQRRK LISATEEMKA RRNKVSEEIA LKKRNKENAD DVIAEMRTLG DDIKEKDSQL NEIDNKMTGI LCRIPNLISD DVPQGESDED NVEVKKWGTP REFSFEPKAH WDIVEELKMA DFDRAAKVSG ARFVYLTNEG AQLERALMNY MITKHTTQHG YTEMMVPQLV NADTMYG TGQ LPKFEE DLFK VEKEGLYTIP TAEVPLTNFY RNEIIQPGVL PEKFTGQSAC FRSEAGSAGR DTRGLIRLHQ FDKVEMVRFE QPEDSWNALE EMTTNAEAIL EELGLPYRRV ILCTGDIGFS ASKTYDLEWV LPSYNDYKEI SSCSNCTDFQ ARRANIRFKR DKAAPPELAH TLNGSGLAVG RTFAAIVENY QNEDGTVTIP EALVPFMGGK TQISKPVK
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	1-428
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.