



Recombinant *Sulfolobus acidocaldarius* Signal recognition 54 kDa protein (srp54)

Product Code	CSB-EP522494FOZ-B
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.	O07853
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus acidocaldarius</i> (strain ATCC 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770)
Purity	≥85% (SDS-PAGE)
Sequence	MLDGLRDAVR KFLGSSDYEK AVNEFIKELQ IILIKADVNV RLVKDLTDRI KKRITEEKPP SAIEKREWF I SIVYDELSRL FGGDKEPEVM PKKLPYIIML VGVQGS GKT T TSGKLALFYK KKG YK VGLVA ADIYRPAAYE QLIQIGQQIN IPVYGE PGNK NP I E I ATNGL EKFLKEKMNI VIIDTAGRHG YGEEASLLEE MKSMYDKIHP DEVILVIDAS IGQKAYDLAS RFHQASPIGS LIVSKMDGTA KGGGALS AVI ATGAQIKFIG TGEKLDELEV FNPRRFVSRL LGLGDIESII EKIKSVEDYE NLEKRMEDVI SGKTKLTLRD IYKQLIALRK MGPLGKIFQM LPGAGILSQV PEEQLKLGEE KIRTFMAIMN SMYKELDNP SIIDKARMRR IAKGAGVTVE EVKELLKQYQ MTNLLKMKV R R KGLAKLFG GSNQ
Source	E.coli
Target Names	srp54
Protein Names	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
Expression Region	1-444
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.