



Recombinant *Pyrobaculum arsenaticum* Signal recognition 54 kDa protein (srp54)

Product Code	CSB-EP394750PZU-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.	A4WLQ3
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum arsenaticum</i> (strain DSM 13514 / JCM 11321)
Purity	≥85% (SDS-PAGE)
Sequence	MKALTELSK LVEKIRDVEY IDEATLQEIA REIQRTLLKA DVPLDLVKTF TDNAVKRIRE EKPPAGIPPR EYLIYVLYEE LVKLMGGEQP AEFKPTKKPY IVLLLGVEGS GKTTTSAKLA RYLMKRGYKV GMVETDTIRP AAFDQLRQLA EKIGAPFYGE RDGKDAVEIA RRGVANLKGV DVLIIDTAGR HRNEEALLQE VKAIYDAVNP DEVVLVVDAT VGKLAQAQAE AFMKYLPiHT VIITKMDSTA RGGGALAAVA KTGARVKFIG VGEDVEEELP FNPRKFVARL LGMGDLDALL EKIKAVFEEE EVLEEIESGR LDLLTFKKQI DSLMKLGPLS KVFQLLPGGL AAKISEEQIE LSQKNLKKWR AILSSMTMEE LKNPDILNAS RIRRIALGAG VTPKDVKEML TVYENLKKMS KTLKRQMLR MAR
Source	E.coli
Target Names	srp54
Protein Names	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
Expression Region	1-433
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.