



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

<b>Product Code</b>	CSB-YP394750PZU
<b>Storage</b>	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.
<b>Uniprot No.</b>	A4WLQ3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Pyrobaculum arsenaticum</i> (strain DSM 13514 / JCM 11321)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MKALTELSK LVEKIRDVEY IDEATLQEIA REIQRTLLKA DVPLDLVKTFTD NAVKRIRE EKPPAGIPPR EYLIYVLYEE LVKLMGGEQP AEFKPTKKPY IVLLGVEGS GKTTTSAKLA RYLMKRGYKV GMVETDTIRP AAFDQLRQLA EKIGAPFYGE RDGKDAVEIA RRGVANLKGV DVLIIDTAGR HRNEEALLQE VKAIYDAVNP DEVVLVDAT VGKLAQAQAE AFMKYLPPIHT VIITKMDSTA RGGGALAAVA KTGARVKFIG VGEDVEEELP FNPRKFVARL LGMGDLDALL EKIKAVFEEE EVLEEIESGR LDLLTFKKQI DSLMKLGPLS KVFQLLPGGL AAKISEEQIE LSQKNLKKWR AILSSMTMEE LKNPDILNAS RIRRIALGAG VTPKDVKEML TVYENLKKMS KTLKRQMLR MAR
<b>Source</b>	Yeast
<b>Target Names</b>	srp54
<b>Protein Names</b>	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
<b>Expression Region</b>	1-433
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.