



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

Product Code	CSB-EP376279PZW-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.	A1RS43
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum islandicum</i> (strain DSM 4184 / JCM 9189 / GEO3)
Purity	≥85% (SDS-PAGE)
Sequence	MKALGEVFSK LVEKIRGVSY IDEATLQELS REIQRALLKA DVPLDMVKTF TENAVKRMRE EKPPAGIPPR EYVLYILYDE LVKLLGGEQP AEFKPVKKPY LVLLLGVEGS GKTTTAAKLA RYLVKRGYRV GLVETDTIRP AAFDQLKQLA EKIGVPFYGE RDSKDAVEIA RRGVQNFKNM DVVIIDTAGR HKNEEALLQE VKMIYEAVNP DEVILVIDAT VGKLAQAQAE AFMKYLP IHS VIITKMDSTA RGGGALAAVI KTGARVKFIG VGEDVDFDL FNPRKFVARV LGMGDLDALV EKIKAVFEEE KVLQEIESGR LDLLTFKKQI EGLLKLGPLS KVLQLLPGGF AAKISEEQVE LSQKNLKKWY AILSSMTIEE LKNPDILNAS RIRRIALGAG VTPKDVKEML TVYENLKKMS KTLKRQLRMR IPK
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.