



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

Product Code	CSB-EP856135FHU-B
Abbreviation	srp54
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.	Q8ZT95
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum aerophilum</i> (strain ATCC 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
Purity	≥85% (SDS-PAGE)
Sequence	MKALTEIFGK LLEKIRGVDY IDEATLQELS REIQRTLLKA DVPLDLVKSF TENAVKRIKE EKPPAGIPPR EYLIYVLYEE LVKLLGGEQP AEFKPTKKPY IVLLLGVEGS GKTTTAAKLA KYLAKRGYKV GLVETDTIRP AAFDQLRQLA EKIGVPFYGE RDGKDAVEIA KRGVQNFKNM DVIIVDTAGR HRNEEALLKE VRAIYDAVSP DEVVLVIDAT VGMMAAAQAE AFMKYLPiHS VIITKMDSTA RGGGALAAVA KTGAKVKFIG VGEDVDEFEQ FSPRKFVARV LGMGDLDTLL EKIKAVFEEE EVLEEIESGR LDLLTFKKQI DSLLKLGPLS KVFQLLPGNL AAKISEEQIE LSQRNLKKWR AILSSMTLEE LKNPEILNAS RIRRIALGAG VAPKDVKEML TVYENLRKMS KTLRRQLRLR MAK
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



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