



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

<b>Product Code</b>	CSB-BP856135FHU
<b>Abbreviation</b>	srp54
<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>	Q8ZT95
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Pyrobaculum aerophilum</i> (strain ATCC 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 FSPRKVVARV LGMGDLDTLL EKIKAVFEEE EVLEEIESGR LDLLTFKKQI DSLLKLGPLS KVFQLLPGNL AAKISEEQIE LSQRNLKKWR AILSSMTLEE LKNPEILNAS RIRRIALGAG VAPKDVKEML TVYENLRKMS KTLRRQLRLR MAK
<b>Source</b>	Baculovirus
<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.