



Recombinant *Sulfolobus solfataricus* Signal recognition 54 kDa protein (srp54)

Product Code	CSB-YP842962FPM
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.	Q97ZE7
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus solfataricus</i> (strain ATCC 35092 / DSM 1617 / JCM 11322 / P2)
Purity	≥85% (SDS-PAGE)
Sequence	MLENIRDAVR KFLTGSTPYE KAVDEFIKDL QKSLISSDVN VKLVFSLTAK IKERLNKEKP PSVLERKEWF ISIVYDELSK LFGGDKEPNV NPTKLPFIIM LVGVQGSQGT TTAGKLAYFY KKRQYKVGVLV AADVYRPAAY DQLLQLGNQI GVQVYGEPPN QNPIEIAKKG VDIFVKNKMD IIIVDTAGRH GYGEETKLE EMKEMYDVLK PDDVILVIDA SIGQKAYDLA SRFHQASPIG SVIITKMDGT AKGGGALS AV VATGATIKFI GTGEKIDELE TFNAKRFVSR ILGMGDIESI LEKVKGLEEY DKIQKKMEDV MEGKGLTLR DVYAQIIALR KMGPLSKVLQ HIPGLGIMLP TPSEDQLKIG EEKIRRWLAA LNSMTYKELE NPNIIDKSRM RRIAEGSGLE VEEVRELLEW YNNMNRLLKM VKRRRRGNIDK LFGGKIG
Source	Yeast
Target Names	srp54
Protein Names	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
Expression Region	1-447
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.