



Recombinant *Thermoplasma volcanium* Signal recognition 54 kDa protein (srp54)

Product Code	CSB-EP839488TDL-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.	Q979Y8
Product Type	Recombinant Protein
Immunogen Species	<i>Thermoplasma volcanium</i> (strain ATCC 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1)
Purity	≥85% (SDS-PAGE)
Sequence	MVLESLSSSL RETIRKITGS TYIDKNTVKE ISKDLQRILL KADVNVQTVL NITKEMERRA LEEKPPVGMA HQDYMKIY EELLKILGEP SNVELKPQTI MLVGLYGHGK TTSAGKLSRF FMKKGLSAGL IAADVHRYAA YEQLQQIAES VNAKFYGDPAK EKDPVKIKN GLEVLKDAQV KIIDTSGRDS LDSDLIEEIR RIKEAVKPDQ VLMVIDATMG QQAGPESKAI NDAVGVTGII ITKMDGTAKG GGALSAVAKM RVPIYFIGTG EHMDDMEIFD PPKFLSRLLG LGDLETLFET VKEANITEEE AQKSFELMT GKFNLKDMYD VWEKFSRPLG MKKLVDSLPL AKLPGSQKIN DDQILTAEQK LQRYRIIMDS MTFQELENPE IINAKRITRI ARGAGVREED VRMLLKEFKA MKNNMKLMKG NRGFKKILQS NFRSGNFGLD DLGLK
Source	E.coli
Target Names	srp54
Protein Names	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
Expression Region	1-455
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.



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