



Recombinant Arabidopsis thaliana Signal recognition particle 54 kDa protein, chloroplastic (FFC)

Product Code	CSB-EP334226DOA
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.	P37107
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	EMFGQ LTGGLEAAWS KLGEEVLTK DNIAEPMRDI RRALLEADVSLPVVRRFVQS VSDQAVGMGV IRGVKPDQQL VKIVHDELVK LMGGEVSELQ FAKSGPTVIL LAGLQGVGKT TVCAKLACYL KKQKGSCMLI AGDVYRPAAI DQLVILGEQV GVPVYTAGTD VKPADIAKQG LKEAKNNVD VVIMDTAGRL QIDKGMMDEL KDVKKFLNPT EVLLVDAMT GQEAALVTT FNVEIGITGA ILTKLDGDSR GGAALSVKEV SGKPIKLVGR GERMEDLEPF YPDRMAGRIL GMGDVLSFVE KATEVMRQED AEDLQKKIMS AKDFDFNFLK QTRAVAKMGS MTRVLGMIPG MGKVSPAQIR EAEKNLLVME AMIEVMTPEE RERPELLAES PERRKRIAKD SGKTEQQVSA LVAQIFQMRV KMKNLMGVME GGSIPALSGLEDALKAEQKA PPGTARRKRK ADSRKKFVES ASSKPGPRGF GSGN
Source	E.coli
Target Names	FFC
Protein Names	Recommended name: Signal recognition particle 54 kDa protein, chloroplastic Short name= 54 chloroplast protein Short name= 54CP Short name= SRP54 Short name= cpSRP54 Alternative name(s): FFC
Expression Region	76-564
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 of Mature 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.