



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

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|--------------------------|--|
| Product Code | CSB-MP334226DOA |
| 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 KKQKSCMLI AGDVYRPAAI DQLVILGEQV GVPVYTAGTD VKPADIKQG 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 | Mammalian cell |
| 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.