



Recombinant Arabidopsis thaliana Signal recognition particle 43 kDa protein, chloroplastic (CAO)

Product Code	CSB-EP517766DOA
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.	O22265
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	AAVQ RNYEETTSSV EEAEEDDESS SSYGEV NKII GSRTAGEGAM EYLIEWK DGH SPSWVPSSYI AADVSEYET PWWTAARKAD EQALSQ LLED RDVDAVDENG RTALLFVAGL GSDKCV RLLA EAGADLDHRD MRGGLTALHM AAGYVRPEVV EALVELGADI EVEDERGLTA LELAREILKT TPKGNPMQFG RRIGLEKVIN VLEGQVFEYA EVDEIVEKRG KGKDVEYLVR WKDGGDCEWV KGVHVAEDVA KDYEDGLEYA VAESVIGKRV GDDGKTIEYL VKWTDMSDAT WEPQDNVDST LVLLYQQQQP MNE
Source	E.coli
Target Names	CAO
Protein Names	Recommended name: Signal recognition particle 43 kDa protein, chloroplastic Alternative name(s): Chromo protein SRP43 Short name= CpSRP43
Expression Region	57-373
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.