



Recombinant Arabidopsis thaliana Cell division protein FtsY homolog, chloroplastic (CPFTSY)

Product Code	CSB-EP529291DOA
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.	O80842
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	CSAGPSGFFT RLGRLIKEKA KSDVEKVFSG FSKTRENLAV IDELLLFWNL AETDRVLDEL EEALLVSDFG PKITVRIVER LREDIMSGKL KSGSEIKDAL KESVLEMLAK KNSKTELQLG FRKPAVIMIV GVNGGGKTTS LGKLAHRLKN EGTKVLMAAG DTFRAAASDQ LEIWAERTGC EIVVAEGDKA KAATVLSKAV KRGKEEGYDV VLCDTSGRLH TNYSLMEELI ACKKAVGKIV SGAPNEILLV LDGNTGLNML PQAREFNEVV GITGLILTKL DGSARGGCVV SVVEELGIPV KFIGVGAEAVE DLQPFDPPEAF VNAIFS
Source	E.coli
Target Names	CPFTSY
Protein Names	Recommended name: Cell division protein FtsY homolog, chloroplastic Alternative name(s): Chloroplast SRP receptor homolog, alpha subunit CpFtsY Fused signal recognition particle receptor
Expression Region	41-366
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.