



Recombinant Arabidopsis thaliana Chloroplast processing peptidase (PLSP1)

Product Code	CSB-EP815449DOA
Abbreviation	PLSP1
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.	Q8H0W1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	DSS ETTKSAPSLD SGDGGGGDGG DDDKGEVEEK NRLFPEWLDF TSDDAQTVFV AIAVSLAFRY FIAEPYIPS LSMYPTFDVG DRLVAEKVSY YFRKPCANDI VIFKSPVLQ EVGYTDADV IKRIVAKEGD LVEVHNGKLM VNGVARNEKF ILEPPGYEMT PIRVPENSVF VMGDNRNNSY DSHVWGPLPL KNIIGRSVFR YWPPNRVSGT VLEGGCAVDK Q
Source	E.coli
Target Names	PLSP1
Protein Names	Recommended name: Chloroplast processing peptidase EC= 3.4.21.89 Alternative name(s): Signal peptidase I-3
Expression Region	68-291
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.