



# Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At4g25270, chloroplastic (PCMP-E53)

<b>Product Code</b>	CSB-EP874374DOA-B
<b>Abbreviation</b>	PCMP-E53
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9SB36
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SFT KPSPTPLLE KQSIHRTQLE ALDSVITDLE TSAQKGISLT EPEIFASLLE TCYSLRAIDH GVRVHHLIPP YLLRNNLGIS SKLVRLYASC GYAEVAHEVF DRMSKRDSSP FAWNLSISGY AELGQYEDAM ALYFQMAEDG VKPDRFTFPR VLKACGGIGS VQIGEAHRD LVKEGFGYDV YVLNALVVMY AKCGDIVKAR NVFDMIPHKD YVSWNSMLTG YLHHGLLHEA LDIFRLMVQN GIEPDKVAIS SVLARVLSFK HGRQLHGWVI RRGMEWELSV ANALIVLYSK RGQLGQACFI FDQMLERDTV SWNAIISAHS KNSNGLKYFE QMHRANAKPD GITFVSVLSL CANTGMVEDG ERLFSLMSKE YGIDPKMEHY ACMVNLYGRA GMMEEAYSMI VQEMGLEAGP TVWGALLYAC YLHGNTDIGE VAAQRLFEL PDNEHNFELL IRIYSKAKRA EDVERVRQMM VDRGLET
<b>Source</b>	E.coli
<b>Target Names</b>	PCMP-E53
<b>Protein Names</b>	Recommended name: Pentatricopeptide repeat-containing protein At4g25270, chloroplastic
<b>Expression Region</b>	48-527
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.