



Recombinant Arabidopsis thaliana Phenylalanine--tRNA ligase, chloroplastic/mitochondrial (At3g58140)

Product Code	CSB-YP856743DOA
Abbreviation	At3g58140
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.	Q94K73
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AVDIGGV AIARNDVVRE DDPTNVPDS IFSKLGMLQH RRDKHPGIL KNAIYDYFDS NYSNKFEKFE DLSPIVTTKQ NFDDVLVPAD HVSRLNDTY YVDSQTVLRC HTSAHQAE LL RKGHSRFLVT GDVYRRDSID STHYPVFHQM EGFCVFSPED WNGSGKDSTL YAAEDLKKCL EGLARHLFGS VEMRWVDTYF PFTNPSFELE IYFKEDWLEV LGCGVTEQVI LKQSGLENNV AWAFLGLGLER LAMVLFDIPD IRFFWSSDER FTSQFGKGEL GVKFKPYISKY PPCYKDISFW ISDLFTENNF CEVVRGIAGD LVEEVKLIDQ FTNKKKGLTS HCYRIVFRSM ERSLTDEEVN DLQSKVRDEV QKKLNVELR
Source	Yeast
Target Names	At3g58140
Protein Names	Recommended name: Phenylalanine--tRNA ligase, chloroplastic/mitochondrial EC= 6.1.1.20 Alternative name(s): Phenylalanyl-tRNA synthetase Short name= PheRS
Expression Region	54-429
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.



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