



# Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At1g05750, chloroplastic (PDE247)

<b>Product Code</b>	CSB-EP881941DOA
<b>Abbreviation</b>	PDE247
<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>	Q9MA50
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AAKEFS DMTLAGVEPN HITFIALLSG CGDFTSGSEA LGDLLHGYAC KLGLDRNHVM VGTAIGMYS KRGRFKKARL VFDYMEDKNS VTWNTMIDGY MRSGQVDNAA KMFDKMPERD LISWTAMING FVKKGYQEEA LLWFREMQIS GVKPDYVAII AALNACTNLG ALSFGLWVHR YVLSQDFKNN VRVSNLIDL YCRCGCVEFA RQVFYNMEKR TVVSWNSVIV GFAANGNAHE SLVYFRKMQE KGFKPDVTF TGALTACSHV GLVEEGLRYF QIMKCDYRIS PRIEHYGCLV DLYSRAGRLE DALKLVQSMP MKPNEVVIGS LLAACSNHGN NIVLAERLMK HLTDLNVKSH SNYVILSNMY AADGKWE GAS KMRRKMKGLG LKKQPGFSSI EIDDCMHVFM AGDNAHVETT YIREVLELIS SDLRLQGCVV ETLAGDLLNA
<b>Source</b>	E.coli
<b>Target Names</b>	PDE247
<b>Protein Names</b>	Recommended name: Pentatricopeptide repeat-containing protein At1g05750, chloroplastic Alternative name(s): Protein PIGMENT DEFECTIVE 247
<b>Expression Region</b>	55-500
<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.
<b>Shelf Life</b>	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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