

Recombinant Full Length Arabidopsis Thaliana Protochlorophyllide-Dependent Translocon Component 52, Chloroplastic(Ptc52) Protein, His-Tagged

Cat. No. RFL18452AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protochlorophyllide-dependent translocon component 52, chloroplastic(PTC52) Protein (Q8W496) (56-559aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (56-559)
Form	Lyophilized powder
AA Sequence	SSAATSTNSPPEPEALFEPGSDKFDWYANWYPVMPICDLDDKKVPHGKKVMGIDLVV WWDR NEKQWKVMDDTCPHRLAPLSDGRIDQWGRLQCVYHGWCFNGSGDCKLIP QAPPDGPPVHT FKQACVAVYPSTVQHEIIWFWPNSDPKYKNIIETNKPPYIPELEDP SFTKLMGNRDIPYG YDVLVENLMDPAHVPIAHYGLMRFPKPKGKYIICISNSCFNPF TNLQILLA EKIDREGGK PLEINVKKLDNKGFFSKQEWGYSNFIAPCVYRSSTDPLPE QEHEYPAPAASDKAALSKRR LSLIFICIPVSPGRSRLIWTFRNFGVFIDKIVPRWVF HIGQNTILDSDLHLLHVEERKI LERGPENWQKACFIPTKSDANVVTFRRWFNKYSEA RVDWRGKFDPFLLPPTPPREQLFDR YWSHVENCSSCKKAHKYLNALVILQIASVA MIGVMAVLKQTTMSNVARIAVLVAAVLSF AASKWLSHFYKTFHYHDYNHAVV
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	PTC52
Synonyms	PTC52; ACD1-like; TIC55-IV; At4g25650; L73G19.30; Protochlorophyllide-dependent translocon component 52, chloroplastic; ACD1-like protein; Protein TIC 55-IV; Translocon at the inner envelope membrane of chloroplasts 55-IV
UniProt ID	Q8W496

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