

Recombinant Full Length Arabidopsis Thaliana Protein Accumulation And Replication Of Chloroplasts 6, Chloroplastic(Arc6) Protein, His-Tagged

Cat. No. RFL27259AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 6, chloroplastic(ARC6) Protein (Q9FIG9) (68-801aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (68-801)
Form	Lyophilized powder
AA Sequence	ATLVSPPPSIDRPERHVPIDFYQVLGAQTHFLTDGIRRAFEARVSKPPQFGFSDDA LI SRRQILQAACETLSNPRSRREYNEGLLDDEEATVITDVPWDKVPGALCVLQEGGE TEIVL RVGEALLKERLPKSFKQDVVLVMAFLDVS RDAMALDPPDFITGYEFVEEAL KLLQEEG ASS LAPDLRAQIDETLEEITPRYVLELLGLPLGDDYAAKRLNGLSGVRNIL WSVGGGGAS ALVGGLTREKFMNEAFLRMATAEQVDLFVATPSNIPAESFEVYEVAL ALVAQAFIGKKPH LLQDADKQFQQLQQA KVMAMEIPAMLYDTRNNWEIDFGLERGL CALLIGKVDECRMWLGL DSEDSQYRNPAIVEFVLENSNRDDNDLPLGLCKLLETWL AGVVFPRFRD TKDKKFKLGDY YDDPMVLSYLERVEVVQGSPLAAAAAMARIGAEHV KASAMQALQKVFP SRYTDRNSAEPK DVQETVFSVDPVGNNVGRDGEPGVFIAEAV RPS ENFETNDYAIRAGVSESSVDETTVEMS VADMLKEASVKILAAGVAIGLISLFSQK

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YFLKSSSSFQRKDMVSSMESDVATIGSVRADD SEALPRMDARTAENIVSKWQIKIS
LAFGPDHRIEMLPEVLDGRMLKIWTDRAAETAQLGL VYDYTLCLKLSVDSVTVSADGT
RALVEATLEESACLSDLVHPENNATDVRTYTTTRYEVFWS KSGWKITEGSLAS

Purity Greater than 90% as determined by SDS-PAGE.

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 ARC6

Synonyms ARC6; At5g42480; MDH9.18; Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 6, chloroplastic

UniProt ID [Q9FIG9](#)

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