

Recombinant Full Length Arabidopsis Thaliana Plastid Division Protein Cdp1, Chloroplastic(Cdp1) Protein, His-Tagged

Cat. No. RFL15482AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Plastid division protein CDP1, chloroplastic(CDP1) Protein (Q8VY16) (77-819aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (77-819)
Form	Lyophilized powder
AA Sequence	DNAPSRTSSLAASTSTIELPVTCYQLIGVSEQAEKDEVVKSVINLKKTDAAEEGYTMEA AA ARQDLLMDVRDKLLFESEYAGNLKEKIAPKSPLRIPWAWLPGALCLLQEVGQEK LVLDIG RAALRNLDSPYIHDIFLSMALAECAIAKAAFEVNKVSQGFEALARAQSFLK SKVTLGKL ALLTQIEESLEELAPPCTDLLGLPRTPENAEERRRGAI AALRELLRQGLS VEASCQIQDW PCFLSQAISRLATEIVDLLPWDDLAI TRKNKKSLESHNQRVIDFNC FYMVLLGHIAVG FSGKQNETINKAKTICECLIASEGVDLKFEFAFCSFLLKQGSEAEA LEKLKQLESNSDSA VRNSILGKESRSTSATPSLEAWLMESVLANFPDTRGCSPLA NFFRAEKKYPENKKMGSP SIMNHKTNRPLSTTQFVNSSQHLYTAVEQLTPTDLQS PVVSAKNNDETSASMPSVQLKR NLGVHKNKIWDEWLSQSSLIGRVSVVALLGCTVF FSLKLSGIRSGRLQSMPI SVSARPHS ESDSFLWKTESGNFRKNLDSVNRNGIVGNIK

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VLIDMLKMHCGEHPDALYLKSSGQSATSL SHSASELHKRPMDTEEAELVRQWEN
VKAEALGPTHQVYSLSEVLDESMLVQWQTLAQTA EAKSCYWRFVLLHLEVLQAHIF
EDGIAGEAAEIEALLEEAAELVDESQPKNAKYYSTYKI RYILKKQEDGLWKFCQSDIQ
IQK

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 CDP1

Synonyms CDP1; ARC6H; PARC6; At3g19180; MVI11.9; Plastid division protein CDP1, chloroplastic; ARC6-homolog protein; Protein CHLOROPLAST DIVISION SITE POSITIONING 1; AtCDP1; Protein PARALOG OF ARC6

UniProt ID [Q8VY16](#)

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