

Recombinant Full Length Arabidopsis Thaliana Duf21 Domain-Containing Protein At1G55930, Chloroplastic(Cbsdufch2) Protein, His-Tagged

Cat. No. RFL11496AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana DUF21 domain-containing protein At1g55930, chloroplastic(CBSDUFCH2) Protein (Q84R21) (73-653aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (73-653)
Form	Lyophilized powder
AA Sequence	LSATGDHVGISQKHSDSTEKVDSIRILLKRGIVLGAVVCGVLFGCGKVLASTSVVDV AF SKSILLKNAWPKTSQVLKVLREQGLILAVLLGLSAFFSMAETSITTLWPWKVREL AEKE PENGVFRMLRSDVTRFLTTLIGTTVVNIAATALVTKAATAIFGEAGVSAATGV MTVAIL LLTEITPKSVAVHNAQEVARIVVRPVAWLSLILYPVGRVVTYLSMGILKILGLK GRSEPY VTEDEKLMLRGAELSGAIEEEEQDMIENVLEIKDTHVREVMTPDVDVAI DGSGSLVDF HNFVWTHQYSRVPVFEQRIDNIVGIAYAMDLLDYVPKGKLLSTTVVD MAHKPAFFVPDS MSVWNLLREFRIRKVHMAVVLNEYGGTIGIVTLEDVVEEIVGEIFD ENDSKEEIQKKTGY IVMRAEGIYDVDANTSIDQLSEELNIKMAEGHQYETVSGFVCE AFGYIPKTGESVTVVLE KENWEENDEQDEGKHERQDQKEKHQIYRLEILAGNARKV SAVRFERVSDMDQVSEARDVK NMVPKFVRKWSSEEDSDGNLQAKNAVFDEHLIAE

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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	CBSDUFCH2
Synonyms	CBSDUFCH2; At1g55930; F14J16.20; DUF21 domain-containing protein At1g55930, chloroplastic; CBS domain-containing protein CBSDUFCH2
UniProt ID	Q84R21

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