

Recombinant Full Length Macrocyctis Pyrifera Fucoxanthin-Chlorophyll A-C Binding Protein E, Chloroplastic(Fcpe) Protein, His-Tagged

Cat. No. RFL36070MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Macrocyctis pyrifera Fucoxanthin-chlorophyll a-c binding protein E, chloroplastic(FCPE) Protein (Q40301) (35-212aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Macrocyctis pyrifera (Giant kelp) (Fucus pyrifera)
Source	E.coli
ProteinLength	Full Length of Mature Protein (35-212)
Form	Lyophilized powder
AA Sequence	SFSEIGAQPPIGFWDPLGLVADADQERFDRLRYVEIKHGRIAMLAVVGHITQQNTRL PG MLSFKENLAFADSPNGVAAFSKIPPLGTLQIILAIGCHELFVVKQVEGSFPGDCTT GGNI FQSAWDNMSEETQASKRAIELNNGRAAQMGILAMMVHEQLSNQPYIINDLAG AAYQFN
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

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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

FCPE

Synonyms

FCPE; Fucoxanthin-chlorophyll a-c binding protein E, chloroplastic

UniProt ID

[Q40301](#)

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