

Recombinant Full Length Arabidopsis Thaliana Chlorophyll A-B Binding Protein 2, Chloroplastic(Lhcb1.1) Protein, His-Tagged

Cat. No. RFL8655AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Chlorophyll a-b binding protein 2, chloroplastic(LHCB1.1) Protein (P0CJ48) (36-267aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (36-267)
Form	Lyophilized powder
AA Sequence	RKTVAKPKGPSGSPWYGSDRVKYLGPFSGESPSYLTGEFPGDYGWDTAGLSADPE TFARN RELEVIHSRWAMLGALGCVFPELLARNGVKFGEAVWFKAGSQIFSDGGLDY LGNPSLVHA QSILAIWATQVILMGAVEGYRVAGNGPLGEAEDLLYPGGSFDPLGLAT DPEAFAELKVKE LKNGLAMFSMFGFFVQAIVTGKGPIENLADHLADPVNNNAWAF ATNFVPGK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

LHCB1.1

Synonyms

LHCB1.1; AB165; CAB2; LHCP-B; At1g29920; F1N18.4; Chlorophyll a-b binding protein 2, chloroplastic; Chlorophyll a-b protein 165; CAB-165; LHCI type I CAB-2

UniProt ID

[P0CJ48](#)

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