

Recombinant Full Length Hordeum Vulgare Chlorophyll A-B Binding Protein 1B-21, Chloroplastic(Lhc Ib-21) Protein, His-Tagged

Cat. No. RFL4759HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Hordeum vulgare Chlorophyll a-b binding protein 1B-21, chloroplastic(LHC Ib-21) Protein (Q9SDM1) (45-245aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Hordeum vulgare (Barley)
Source	E.coli
ProteinLength	Full Length of Mature Protein (45-245)
Form	Lyophilized powder
AA Sequence	SAEWFPQGPRPAHLDGSSPGDFGFDPLGLATVPENFERFKESEIYHCRWAMLCVP GVLVP EALGLGNWVKAQEWAALPDGQATYLGNPVPWGNLPTILAIEFLAIAFAEQQ RTMEKDPEK KKYPGGAFDPLGFSKDPKFEELKLKEIKNGRLAMLAFVGFCVQQSA YPGTGPLENLATH LADPWHNNIGDIVIPRNIYGP
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

LHC

Synonyms

LHC; lb-21; LHCA1; Chlorophyll a-b binding protein 1B-21, chloroplastic; LHCI type I CAB-1B-21; LHCI-730 chlorophyll a/b binding protein; Light-harvesting complex I 21 kDa protein

UniProt ID

[Q9SDM1](#)

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