

Recombinant Full Length Arabidopsis Thaliana Albino3-Like Protein 1, Chloroplastic(Alb3L1) Protein, His-Tagged

Cat. No. RFL5943AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ALBINO3-like protein 1, chloroplastic(ALB3L1) Protein (Q9FYL3) (46-499aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (46-499)
Form	Lyophilized powder
AA Sequence	AQLGFRPDSFDFIKDHAENLLYTIADAAVSSSETFESVAGTTTKTTQSNDWFSGIANY ME TILKVLKDGLSTVHVPYSYGFIAILLTVLVKAATFPLTKKQVESAMAMKSLTPQIKA IQE RYAGDQEKIQLETARLYKLAGINPLAGCLPTLATIPVWIGLYRALS NVADEGLLTE GFFW IPSLAGPTTVAARQNGSGISWLFPFIEGHPPLGWPDTLAYLVLP LLLVFSQYL SIQIMQS SQSNDPAMKSSQAVTKLLPLMIGYFALSVP SGLSLYWL TNNILSTAQQVW LQKYGGAKNP VEKFTNLVTKEDKTQQIEKSFSEPLVQKSVSELKIPREKGG EKVTPE CPKPGERFRLLKE QEAKRRREKEERQKAE AALSNQNTDKAHEQDEKSDTAIVAED DKKTELSAVDETS DGTVA VNGKPSIQKDETTNGTFGIGHDTEQQHSHETEK R
Purity	Greater than 90% as determined by 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

ALB4

Synonyms

ALB4; ALB; ALB3L1; ART1; STIC1; At1g24490; F21J9.16; F21J9_170; ALBINO3-like protein 1, chloroplastic; Arabidopsis thaliana envelope membrane integrase; Protein ALBINA 4; Ath4; Protein ARTEMIS; Suppressor of tic40 protein 1

UniProt ID

[Q9FYL3](#)

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