

Recombinant Full Length Arabidopsis Thaliana Probable Long-Chain-Alcohol O-Fatty-Acyltransferase 4(At4) Protein, His-Tagged

Cat. No. RFL29604AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable long-chain-alcohol O-fatty-acyltransferase 4(AT4) Protein (Q9FJ75) (1-345aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-345)
Form	Lyophilized powder
AA Sequence	MEEELMSLIKVVYAIISISYCYTSTRIKSGVFRLLSVLPVCVLFVLPLFVSSVHFSG STAFFLSWLANFKLILFSFDQGPLFPVPSNLSRFVCFTCFPIKLQQNPKPQNQMPKW GFA VKLAFFGVLLHMYEYKQHMSPTVLLVLYSLHIYLEYEILLAPLKVLLSISLWCDLE PHFN EPYLSTSLQDFWGRRWNLMPAILRPAVYLPVRQMAGRKMNSDQALFLGVF ASFLVSGVV HELIFFYFTRESPTGEVTLFFVLHGVCTAAECAAKRTRLVRRWKVSQ MVSRLLTVG FVVM TGGWLFFPHLARSGMIERLADEAFLFIGFVKHKFFYLCRNQSLK S
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

AT4

Synonyms

AT4; At5g55350; MTE17.6; Probable long-chain-alcohol O-fatty-acyltransferase 4; Wax synthase 4

UniProt ID

[Q9FJ75](#)

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