

# Recombinant Full Length Arabidopsis Thaliana Oleosin 5(At3G01570) Protein, His-Tagged

Cat. No. RFL25282AF Lot. No. (See product label)

## SPECIFICATION

|                  |                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Full Length Arabidopsis thaliana Oleosin 5(At3g01570) Protein (Q9SS98) (2-183aa), fused to N-terminal His tag, was expressed in E. coli.                                                  |
| Species          | Arabidopsis thaliana                                                                                                                                                                                  |
| Source           | E.coli                                                                                                                                                                                                |
| ProteinLength    | Full Length of Mature Protein (2-183)                                                                                                                                                                 |
| Form             | Lyophilized powder                                                                                                                                                                                    |
| AA Sequence      | ADVRTHSHQLQVHPQRQHEGGIKVLYPQSGPSSTQVLAVFVGVPIGGTLLTIAGLTL<br>AGS VIGLMLAFPLFLIFSPVIVPAAFVIGLAMTGFLASGAIGLTGLSSMSWVLNYIRRA<br>GQHI PEELEEAKHRLADMAEYVGQRTKDAGQTIEDKAHDVREAKTFDVRDRDTTK<br>GTHNVRDTK TT |
| 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 repeated freeze-thaw cycles.                                                                                        |

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

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|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

|                  |           |
|------------------|-----------|
| <b>Gene Name</b> | At3g01570 |
|------------------|-----------|

|                 |                                |
|-----------------|--------------------------------|
| <b>Synonyms</b> | At3g01570; F4P13.12; Oleosin 5 |
|-----------------|--------------------------------|

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|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">Q9SS98</a> |
|-------------------|------------------------|

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