

# Recombinant Full Length Arabidopsis Thaliana Casp-Like Protein At5G40300(At5G40300) Protein, His-Tagged

**Cat. No.** RFL20059AF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Arabidopsis thaliana CASP-like protein At5g40300(At5g40300) Protein (Q9FNE8) (1-270aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                              |
| <b>Species</b>          | Arabidopsis thaliana                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Full Length (1-270)                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MEELEKTQKFQKKKKQQQEKQDQSSPINFEMSSRSSLHSLPQTTIESPPDSPTLSSI<br>PDS HGSSPHTIIPTPSVAKTETPFRVTNGEEEEKKVSESRRQLRPSFSSSSSTPRESK<br>WASLIR KALLGFRVIAFVSCLVFSVMVSDRDKGWAHDSFYNYKEFRFCLAAENVIGF<br>VYSGFMICD LVYLLSTSIRRSRHNLRHFLEFGLDQMLAYLLASASTSASIRVDDWQS<br>NWGADKFPDLAR ASVALSYVSFVAFAFCSLASGYALCALRSI |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                         |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                 |
| <b>Storage</b>          | 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**

At5g40300

**Synonyms**

At5g40300; MPO12.1; CASP-like protein 4A1; AtCASPL4A1

**UniProt ID**

[Q9FNE8](#)

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