

## Recombinant Full Length *Physcomitrella Patens* Subsp. *Patens* Casp-Like Protein Phypadraft\_135270 (Phypadraft\_135270) Protein, His-Tagged

**Cat. No.** RFL36357PF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Physcomitrella patens</i> subsp. <i>patens</i> CASP-like protein PHYPADRAFT_135270 (PHYPADRAFT_135270) Protein (A9STU1) (1-199aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>Physcomitrella patens</i> subsp. <i>patens</i> (Moss)                                                                                                                                                                     |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Full Length (1-199)                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MESGSVANDSGPLNSTPDVHLYGKTAAMKQRRSNTMLFVFRLLTFSFSLAAVLVMG<br>TNKQ KIRSAPQYLEVAWHDFDPFRYVFAVNAICVYSFVETWLAVYTLRGTLLLPET<br>FQVWFD YGHDQGFACLLFSANSVGIAMAQLLQSGSTLIQGQYYCSDAGAYCTQAR<br>VSIAMGFGAFL FLALSSFLTGLRVARWYLP         |
| <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**

PHYPADRAFT\_135270

**Synonyms**

PHYPADRAFT\_135270; CASP-like protein 4C1; PpCASPL4C1

**UniProt ID**

[A9STU1](#)

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