

# Recombinant Full Length Rhizobium Sp. Probable Intracellular Septation Protein A (Ngr\_C32310) Protein, His-Tagged

**Cat. No.** RFL1393SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rhizobium sp. Probable intracellular septation protein A (NGR_c32310) Protein (C3MAH1) (1-210aa), fused to N-terminal His tag, was expressed in E. coli.                                                 |
| <b>Species</b>          | Sinorhizobium fredii                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (1-210)                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MSTIEAEKPRTVEVSPRLKLVLELGPLMVFFFANSRGDWLASRFPVLAELGGPIFIATG<br>LF MAATATALIVSWIMTRTLPMMLISGIVVFVFGALTLWLQNDTFIKMKPTIVNTLFG<br>AIL LGLLFGKSLLGYVFHAAFKLDEDGWRKLTIRWGVFFLFLAVLNEIVWRSFSTDF<br>WVAFK VWGTMPITILFTLAQMPLIMKHSQERESAE |
| <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 repeated freeze-thaw cycles.                                                                                                                   |

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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> | NGR_c32310 |
|------------------|------------|

|                 |                                                        |
|-----------------|--------------------------------------------------------|
| <b>Synonyms</b> | yciB; NGR_c32310; Inner membrane-spanning protein YciB |
|-----------------|--------------------------------------------------------|

|                   |                        |
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| <b>UniProt ID</b> | <a href="#">C3MAH1</a> |
|-------------------|------------------------|

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