

# Recombinant Full Length Rhizobium Leguminosarum Bv. Trifolii Protein Crcb Homolog(Crcb) Protein, His-Tagged

Cat. No. RFL14946RF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Rhizobium leguminosarum bv. trifolii Protein CrcB homolog(crcB) Protein (B5ZQP2) (1-125aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Rhizobium leguminosarum bv. trifolii   |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-125)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MIQALLVAVGGAIGSLLRYYVGQWTLRLMGPAPFWGTLAVNVVGC FVIGVFAELIAR<br>RFN ASVELRLLLITGFLGGFTTFSAFSLDAISL FERGEAVAGGIYTVASVGLSMAAVM<br>AGLAV MRALA                                  |
| <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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**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** crcB

**Synonyms** crcB; Rleg2\_1885; Putative fluoride ion transporter CrcB

**UniProt ID** [B5ZQP2](#)

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