

# Recombinant Full Length Rickettsia Conorii Cdp-Diacylglycerol--Glycerol-3-Phosphate 3-Phosphatidyltransferase(Pgsa) Protein, His-Tagged

**Cat. No.** RFL21925RF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rickettsia conorii CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase(pgsA) Protein (Q92JJ2) (1-181aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Rickettsia conorii                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Full Length (1-181)                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MRIDKNLPNYLTIARIMVIPVILVFYINNSLARTLGALLFVLASITDFFDGYIARKYNL VT<br>SFGKMFDPDIADKLLVGCVIIMLLKKDNVDEIPCLLILAREFLVSGLREFLALVKVSVP V<br>SRLAKVKTFLLQMFALSILILGSKGSGIYLDIVGEIILWIAAFLTITGYSYFKACKKY F        |
| <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.                                                                                         |

 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

|                       |                                             |
|-----------------------|---------------------------------------------|
| <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****Gene Name**

pgsA

**Synonyms**

pgsA; RC0075; CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase; Phosphatidylglycerophosphate synthase; PGP synthase

**UniProt ID**[Q92JJ2](#)

 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