

# Recombinant Full Length Rat Phosphatidylserine Synthase 2(Ptdss2) Protein, His-Tagged

**Cat. No.** RFL8956RF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Full Length Rat Phosphatidylserine synthase 2(Ptdss2) Protein (B2GV22) (1-471aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Full Length (1-471)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MRRGERRVAGGSGSESPLEGRRSTESVYDDGTNTFFWRAHTLTVLFILTCALGY<br>VTLL EETPQDTAYNTKRGIVASILVFLCFGVTQAKDGPFSRPHPAYWRFWLCVSVV<br>YELFLIFI LFQTVHDGRQFLKYVDPRLGVPLPERDYGGNCLIYDADNKTDPFHNIWD<br>KLDGFVPAHFI GWYLKTLMIRDWWWCMIIISMFEFLEYSLEHQLPNFSECWWDHWI<br>MDVLLCNGLGICYCGM KTLEWLSLKTYKWQGLWNIPTYKGMKRIAFQFTPYSWVR<br>FEWKPASSLHRWLAVCGIIL VFLLAELNTFYLKFVLWMPPEHYLVLLRLVFFVNVGG<br>VAMREIYDFMDELKPHRKLQQA WLVAAITVTELLIVVKYDPHTLTLSLPFYISQCWT<br>LGSILVLTWTVWRFFLRDITMRYKE TRRQKQQSHQAINNGDGHGPGPEDDLPGTGTA<br>EEEGTTNDGVPAEEGPSAAS |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| Storage        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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  | Ptdss2                                                                                     |
| Synonyms   | Ptdss2; Phosphatidylserine synthase 2; PSS-2; PtdSer synthase 2; Serine-exchange enzyme II |
| UniProt ID | <a href="#">B2GV22</a>                                                                     |

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