

# Recombinant Full Length Shigella Dysenteriae Serotype 1 Glycerol-3-Phosphate Acyltransferase(Plsy) Protein, His-Tagged

Cat. No. RFL33966SF Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Shigella dysenteriae serotype 1 Glycerol-3-phosphate acyltransferase(plsY) Protein (Q32BQ6) (1-205aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Shigella Dysenteriae Serotype 1   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length (1-205)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MSAIAPGMILIAYLCGSISSAILVCRLCGLPDPRTSGSGNPGATNVLRIGGKGA AVAVL<br>I FDVLKGMLPVWGAYELGVSPFWLGLIAIAACLGHIWPVFFGFKGGKGVATAFGAIA<br>PIGW DLTGVMAGTWLLTVLLSGYSSLGAIVSALIAPFYVWWFKPQFTFPVSMLSCLI<br>LLRHHDN IQRLWRRQETKIWTKFKRKREKDPE |
| <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** plsY

**Synonyms** plsY; ygiH; SDY\_3242; Glycerol-3-phosphate acyltransferase; G3P acyltransferase; GPAT; Lysophosphatidic acid synthase; LPA synthase

**UniProt ID** [Q32BQ6](#)

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