

# Recombinant Full Length Thermus Thermophilus Glycerol-3-Phosphate Acyltransferase(Plsy) Protein, His-Tagged

**Cat. No.** RFL11467TF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Thermus thermophilus Glycerol-3-phosphate acyltransferase(plsY) Protein (Q5SJ11) (1-199aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Thermus Thermophilus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-199)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MTAAVWTL L L L A Y L F G S V P A G V L V A R T Y G V D L R K V G S G N I G A T N V L R A L G W G P A L V V A F F D V F K G G I A V L V A R A F G L S D W M L G G V A L M A V L G H N Y S V F L R F R G G K G V A T S F G T L L F L D P V L A L W T F P I G L S V I L L T R Y V S A G S M T G G V A A F V L S L A L G R P L W E V A T V F L M A L L I F W T H R E N L K R L R E G T E R R L G E R V E A R
<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** plsY

**Synonyms** plsY; TTHA1203; Glycerol-3-phosphate acyltransferase; Acyl-PO4 G3P acyltransferase; Acyl-phosphate--glycerol-3-phosphate acyltransferase; G3P acyltransferase; GPAT; Lysophosphatidic acid synthase; LPA synthase

**UniProt ID** [Q5SJ11](#)

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