

Recombinant Full Length Escherichia Coli O157:H7 Glycerol-3-Phosphate Acyltransferase(Plsy) Protein, His-Tagged

Cat. No. RFL8487EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Escherichia coli O157:H7 Glycerol-3-phosphate acyltransferase(plsY) Protein (B5YR99) (1-205aa), fused to N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Full Length (1-205)
Form	Lyophilized powder
AA Sequence	MSAIAPGMILAIYLCGSISSAILVCRLCGLDPRTSGSGNPGATNVLRI GGKGA AVAVL I F D V L K G M L P V W G A Y E L G V S P F W L G L I A I A A C L G H I W P V F F G F K G G K G V A T A F G A I A P I G W D L T G V M A G T W L L T V L L S G Y S S L G A I V S A L I A P F Y V W W F K P Q F T F P V S M L S C L I L L R H H D N I Q R L W R R Q E T K I W T K F K R K R E K D P E
Purity	Greater than 90% as determined by SDS-PAGE.
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.

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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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; ECH74115_4371; Glycerol-3-phosphate acyltransferase; G3P acyltransferase; GPAT; Lysophosphatidic acid synthase; LPA synthase

UniProt ID[B5YR99](#)

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