



Recombinant *Synechococcus elongatus* Glycerol-3-phosphate acyltransferase (plsY)

Product Code	CSB-CF654628FPY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q31LI2
Product Type	Transmembrane Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Sequence	MLLSVVAIALLAYLLGSFPAGYLAGRWLKGIDIRKEGSGSTGATNVLRLVVGKGP ALVVF TDILKGVLA VVAARAIAS TNGLDPSAIAWLAAFAAIIAVVGHSLPVWLSFRGGKS VATSL GVLLALSPVVGLSGFGAFLLLLALFRIVSLGSIAGAITVIVLMLILPEPLPNKILGIA SG IYVIYRHRSNLDRRLRRGEEPRIGQRLSTNR
Source	in vitro E.coli expression system
Target Names	plsY
Protein Names	Recommended name: Glycerol-3-phosphate acyltransferase Alternative name(s): Acyl-PO4 G3P acyltransferase Acyl-phosphate--glycerol-3-phosphate acyltransferase G3P acyltransferase Short name= GPAT EC= 2.3.1.n3 Lysophosphati
Expression Region	1-210
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.