Recombinant Escherichia coli PLSC Protein (1-245 aa), His-tagged

Cat. No. PLSC-1596E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) PLSC Protein (1-245 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	Yeast
ProteinLength	1-245 aa
Description	Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the 2 position. This enzyme can utilize either acyl-CoA or acyl-ACP as the fatty acyl donor.
Form	Tris-based buffer,50% glycerol
Molecular Mass	29.5 kDa
AA Sequence	MLYIFRLIITVIYSILVCVFGSIYCLFSPRNPKHVATFGHMFGRLAPLFGLKVECRKPTD AESYGNAIYIANHQNNYDMVTASNIVQPPTVTVGKKSLLWIPFFGQLYWLTGNLLIDR NNRTKAHGTIAEVVNHFKKRRISIWMFPEGTRSRGRGLLPFKTGAFHAAIAAGVPIIP VCVSTTSNKINLNRLHNGLVIVEMLPPIDVSQYGKDQVRELAAHCRSIMEQKIAELDK EVAEREAAGKV

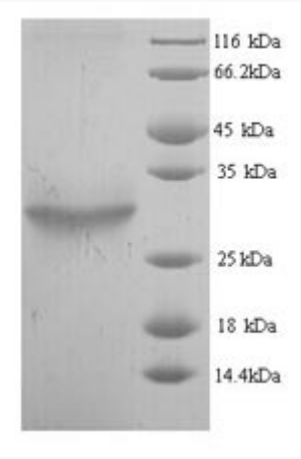
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	plsC 1-acylglycerol-3-phosphate O-acyltransferase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	PLSC
Synonyms	ECK3009; parF;
Gene ID	947496
Protein Refseq	NP_417490
UniProt ID	P26647

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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