

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

Cat. No. PLSC-924E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) PLSC Protein (1-245 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
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	43.5 kDa
AA Sequence	MLYIFRLIITVIYSILVCVFGSIYCLFSPRNPKHVATFGHMFGR LAPLFGLKVECRKPTD AESYGNAIYIANHQNNYDMVTASNIVQPPTVTVGKKSLLWIPFFGQLYWLTGNLLIDR NNRTKAHGTIAEVVNHFKRRISIWMPPEGTRSRGRLLPFKTGAFHAAIAAGVPIIP VCVSTTSNKINLNLHNLVIVEMLPPIDVVSQYGKDQVRELAHCRSIMEQKIAELDK EVAEREAAGKV

 Tel: 1-631-559-9269 1-516-512-3133

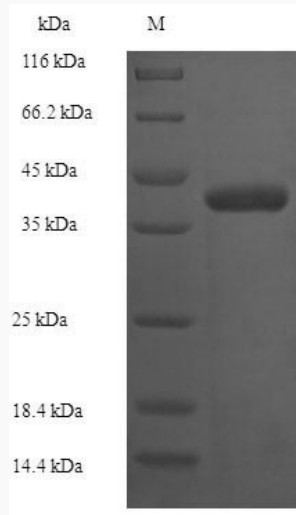
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P26647](#)



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

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