

Recombinant Escherichia coli LPLA Protein (1-338 aa), His-SUMO-tagged

Cat. No. LPLA-1913E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12/MC4100/BW2952) LPLA Protein (1-338 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	1-338 aa
Description	Catalyzes both the ATP-dependent activation of exogenously supplied lipoate to lipoyl-AMP and the transfer of the activated lipoyl onto the lipoyl domains of lipoate-dependent enzymes.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.9 kDa
AA Sequence	MSTLRLLISDSYDPWFNLAVEECIFRQMPATQRVFLWRNADTVVIGRAQNPWKEC NTRRMEEDNVRLARRSSGGGAVFHDLGNTCFTFMAGKPEYDKTISTSIVLNALNAL GVSAEASGRNDLVVKTVEGDRKVSAYSARETKDRGFHHGTLNADLSRLANYLNP DKKKLAAKGITSVRSRVNTLLELPGITHEQVCEAITEAFFAHYGERVEAEIISPNKTP DLPNFAETFARQSSWEWNFGQAPAFSHLLDERFTWGGVELHFDVEKGHITRAQVF TDSLNPAPLEALAGRLQGCLYRADMLQQECEALLVDFPEQEKEKELRELSAWMAGAV

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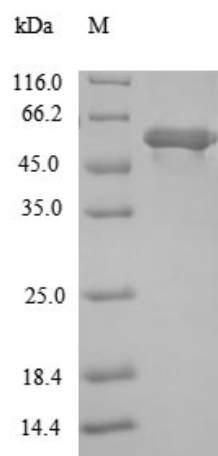
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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	
Synonyms	lplA; Lipoate--protein ligase;
UniProt ID	C4ZT68

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

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