

**LYPLAL1, 1-237aa, Human, His tag, E.coli**

**Cat.NO.: TP02869**

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3th Edition

**Synonyms:**Lysophospholipase-like protein 1, Lysophospholipase-like 1.

**Description:**Lysophospholipase-like protein 1(LYPLAL1) belongs to the AB hydrolase 2 family. This protein doesn't exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates due to its shallow active site. Recombinant human LYPLAL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0), containing 0.15M NaCl, 10% glycerol

**Molecular Weight:**28.9 kDa (261aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMAAASGSVLQRCIVSPAGRHSASLIFLHGSGDSGQGLRMWIKQVLNQDLT  
FQHIKIIYPTAPPRSYPMPKGGISNVWFDRFKITNDCEHLESIDVMCQVLTDLIDEEVKSGIKKNRILIGGFSMGGCM  
AMHLAYRNHQDVAGVFALSSFLNKASAVYQALQKSNGLPELFCQCHGTADLVLHSWAEETNSMLKSLGVTTKFH  
SFPNVYHELKTELDILKLWILTKLPGEMEKQK

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.