

**ACP6, 33-428aa, Human, His tag, E.coli**

**Cat.NO.: TP01043**

3th Edition

**Synonyms:**lysophosphatidic acid phosphatase type 6, ACPL1, LPAP, PACPL1

**Description:**ACP6 also known as lysophosphatidic acid phosphatase type 6, is Hydrolyzes lysophosphatidic acid (LPA) containing a medium length fatty acid chain to the corresponding monoacylglycerol. Has highest activity with lysophosphatidic acid containing myristate (C14:0), monounsaturated oleate (C18:1) or palmitate (C16:0), and lower activity with C18:0 and C6:0 lysophosphatidic acid. Recombinant human ACP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid, In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT

**Molecular Weight:**47.7kDa (419aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSELQEADGQCPVDRSLLKLKMVQVVFRHGARSPLKPLPLEEQVEWNPQLE  
VPPQTQFDYTVTNLAGGPKPYSPYDSQYHETTLKGGMFAGQLTKVGMQQMFALGERLRKKNYVEDIPFLSPTFNPQ  
EVFIRSTNIFRNLESTRCLLAGLFQCQKEGP IIIHTDEADSEVLYPNYQSCWSLRQRTRGRRQTASLQPGISED LKKV  
KDRMGIDSSDKVDFILLDNVAAEQAHNLPSCPMLKRFARMIEQRAVDTSLYILPKEDRESLQMAVGPF LHILESNLL  
KAMDSATAPDKIRKLYLYAAHDVTFIPLMLTGIFDHKWPPFAVDLTMELYQHLESKEWFVQLYYHGKEQVPRGCP  
DGLCPLDMFLNAMS VYTL SPEKYHALCSQTQVMEVGNEE

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**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.