

## **Product datasheet for AR51835PU-S**

#### OriGene Technologies, Inc.

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### ACP6 / LPAP (33-428, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** ACP6 / LPAP (33-428, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSELQEADG QCPVDRSLLK LKMVQVVFRH GARSPLKPLP

LEEQVEWNPQ LLEVPPQTQF DYTVTNLAGG PKPYSPYDSQ YHETTLKGGM FAGQLTKVGM QQMFALGERL RKNYVEDIPF LSPTFNPQEV FIRSTNIFRN LESTRCLLAG LFQCQKEGPI IIHTDEADSE

VLYPNYQSCW SLRQRTRGRR QTASLQPGIS EDLKKVKDRM GIDSSDKVDF FILLDNVAAE QAHNLPSCPM LKRFARMIEQ RAVDTSLYIL PKEDRESLQM AVGPFLHILE SNLLKAMDSA TAPDKIRKLY LYAAHDVTFI PLLMTLGIFD HKWPPFAVDL TMELYQHLES KEWFVQLYYH

GKEQVPRGCP DGLCPLDMFL NAMSVYTLSP EKYHALCSQT QVMEVGNEE

Tag: His-tag

Predicted MW: 47.7 kDa

**Concentration:** lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 30% glycerol, 1 mM

DH

**Bioactivity:** Specific activity is > 1,000 unit/mg, and is defined as the amount of enzyme that hydrolyze

1.0nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 5.0 at 37C.

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human ACP6 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001310554



### ACP6 / LPAP (33-428, His-tag) Human Protein - AR51835PU-S

**Locus ID:** 51205 **Cytogenetics:** 1q21.2

Synonyms: ACPL1; LPAP; PACPL1

Summary: This gene encodes a member of the histidine acid phosphatase protein family. The encoded

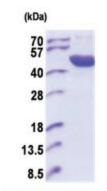
protein hydrolyzes lysophosphatidic acid, which is involved in G protein-coupled receptor signaling, lipid raft modulation, and in balancing lipid composition within the cell. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, May 2016]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Riboflavin metabolism

# **Product images:**



15% SDS-PAGE (3ug)