

## Product datasheet for **AR51835PU-N**

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

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	ACP6 / LPAP (33-428, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSELQEADG QCPVDRSLK LKMVQVFRH GARSPLKPLP LEEQVEWNPQ LLEVPPQTQF DYTVTNLAGG PKPYSYDSQ YHETTLKGGM FAGQLTKVGM QQMFALGERL RKNYVEDIPF LSPTFNPQEV FIRSTNIFRN LESTRCLLAG LFQCQKEGPI IIHTDEADSE VLYPNYQSCW SLRQRTRGRR QTASLQPGIS EDLKKVKDRM GIDSSDKVDF FILLDNVAEE QAHNLPSCPM LKRFARMIEQ RAVDTSLYIL PKEDRESLQM AVGPFLHILE SNLLKAMDSA TAPDKIRKLY LYAAHDVTFI PLLMTLGIFD HKWPPFAVDL TMELYQHLES KEWVQLYYH GKEQVPRGCP DGLCPLDMFL NAMSVYTLSP EKYHALCSQT QVMEVGNEE
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	47.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 30% glycerol, 1 mM DTT
<b>Bioactivity:</b>	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.
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human ACP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001310554</a>



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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:

