

Product datasheet for AR51835PU-N

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: ACP6 / LPAP (33-428, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

Concentration:

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

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

DTT

lot specific

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



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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

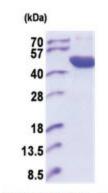
protein hydrolyzes lysophosphatidic acid, which is involved in G protein-coupled receptor signaling, lipid raft modulation, and in balancing lipid composition within the cell. Alternative

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

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Riboflavin metabolism

Product images:



15% SDS-PAGE (3ug)