

Product datasheet for **SC322499**

ACP6 (NM_016361) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ACP6 (NM_016361) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACP6
Synonyms:	ACPL1; LPAP; PACPL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322499
 GGAGGTGGGTAGGAGCTTGCTTATAGAAAAGTGGAAATCGAGTAGTCCTTGCTGGTGGAGC
 CGCTGCCGCCAGGGAACCTCAGGGCCGGCTCCTGTTCTTCAAGAGTGCTGGAGGCCAAAC
 TTGAAATACAAGTTTAAATGTTCTCGTCGGGCAAAAGATAAAGATCCGATCTCCCCGGC
 CCGGTGTGCAGCAGGAGCGACCAACCCCGACCCGGGTTAAACTCCCAGGGACTTTCGC
 TGCTGCCACCTCTTGTCTCTCCCCGTCCCCTCGGGTCTCCCTCAGGGCCGGGAGG
 CACAGCGGTCCCTGCTTGTGAGGGCTGGATGTACGCATCCGACAGTTCCCGCGGACTT
 GGGGCGCCCGCTGAGCCCCGGCGCCCGAGAAGACTTGTGTTTGCCTCCTGCAGCCTCA
 ACCCGGAGGGCAGCGAGGCGCTACCACCATGATCACTGGTGTGTTTCAGCATGCGCTTGTG
 GACCCAGTGGGCGTCTGACCTCGCTGGCGTACTGCCTGCACCAGCGCGGGTGGCCCT
 GGCCGAGTGCAGGAGGCCGATGGCCAGTGTCCGGTCGACCGCAGCCTGCTGAAGTTGAA
 AATGGTGCAGGTGCTGTTTCGACACGGGGCTCGGAGTCTCTCAAGCCGCTCCCCTGGA
 GGAGCAGGTAGAGTGAACCCAGCTATTAGAGGTCCCACCCAAACTCAGTTTGATTA
 CACAGTACCAATCTAGCTGGTGGTCCGAAACCATATTCTCCTTACGACTCTCAATACCA
 TGAGACCACCTGAAGGGGGCATGTTTGTGGCAGCTGACCAAGGTGGGCATGCAGCA
 AATGTTTGCCTTGGGAGAGAGACTGAGGAAGAAGTATGTGGAAGACATTCCCTTTCTTTC
 ACCAACCTTCAACCCACAGGAGGTCTTTATTCGTTCCACTAACATTTTTTCGGAATCTGGA
 GTCCACCCGTTGTTTGTGGCTGGGCTTTTCCAGTGTGAGAAAGAAGGCCATCATCAT
 CCACACTGATGAAGCAGATTCAGAAGTCTTGTATCCCAACTACCAAGCTGCTGGAGCCT
 GAGGCAGAGAACCAGAGGCCGGAGGCAGACTGCCTCTTACAGCCAGGAATCTCAGAGGA
 TTTGAAAAGGTGAAGGACAGGATGGGCATTGACAGTAGTATAAAGTGGACTTCTTCAT
 CCTCCTGGACAACGTGGCTGCCGAGCAGGCACACAACCTCCCAAGCTGCCCATGCTGAA
 GAGATTTGCACGGATGATCGAACAGAGAGCTGTGGACACATCTTGTACATACTGCCCAA
 GGAAGACAGGGAAGTCTTCAGATGGCAGTAGGCCATTCTCCACATCCTAGAGAGCAA
 CCTGCTGAAAGCCATGGACTCTGCCACTGCCCCGACAAGATCAGAAAGCTGTATCTCTA
 TGCGGCTCATGATGTGACCTTACATACCGCTCTTAATGACCCTGGGGATTTTTGACCACAA
 ATGGCCACCGTTTGTGTTGACCTGACCATGGAACCTTACCAGCACCTGGAATCTAAGGA
 GTGTTTTGTGCAGCTCTATTACCACGAAAGGAGCAGGTGCCGAGAGGTTGCCCTGATGG
 GCTCTGCCCGCTGGACATGTTCTTGAATGCCATGTCAGTTTATACCTTAAGCCAGAAAA
 ATACCACGCACTGCTCTCAAACCTCAGGTGATGGAAGTTGAAATGAAGAGTAAGTATGAT
 TTATAAAAGCAGGATGTGTTGATTTTAAATAAAGTGCCTTTATACAAAAA
 AAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_016361
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_016361.2 , NP_057445.2
RefSeq Size:	1812 bp
RefSeq ORF:	1287 bp
Locus ID:	51205
UniProt ID:	Q9NPH0
Cytogenetics:	1q21.2
Domains:	acid_phosphat
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Riboflavin metabolism
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>