

## Product datasheet for TP302269

### ACP6 (NM\_016361) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acid phosphatase 6, lysophosphatidic (ACP6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202269 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MITGVFSMRLWTPVGVLTSLAYCLHQRRVALAELQEADGQCPVDRSLLKLMVQVFRHGARSPLKPLPL  
EEQVEWNPQLLEVPPQTQFDYTVTNLAGGPKPYSPYDSQYHETTLKGGMFAGQLTKVGMQQMFBALGER  
LR  
KNYVEDIPFLSPTFNPQEVFIRSNIFRNLESTRCLLAGLFQCQKEGPIIIHTDEADSEVLYPNYQSCWS  
LRQRTRGRRRQTASLQPGISEDLKKVKDRMGIDSSDKVDFILLDNVAEQAHNLPSCPMLKRFARMIEQR  
AVDTSLYILPKEDRESLQMAVGPFLHILESNULLKAMD SATAPDKIRKLYLYAAHDVTFIPLLMTLGIFDH  
KWPPFAVDLTMELYQHLESKEWFVQLYYHGKEQVPRGCPDGLCPLDMFLNAMS VYTLSPKEYHALCSQT  
Q  
VMEVGNEE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

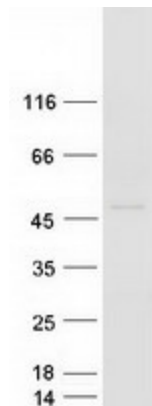
Tag:	C-Myc/DDK
Predicted MW:	48.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057445</a>
<b>Locus ID:</b>	51205
<b>UniProt ID:</b>	<a href="#">Q9NPH0</a>
<b>RefSeq Size:</b>	1832
<b>Cytogenetics:</b>	1q21.2
<b>RefSeq ORF:</b>	1284
<b>Synonyms:</b>	ACPL1; LPAP; PACPL1
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Riboflavin metabolism

### Product images:



Coomassie blue staining of purified ACP6 protein (Cat# TP302269). The protein was produced from HEK293T cells transfected with ACP6 cDNA clone (Cat# [RC202269]) using MegaTran 2.0 (Cat# [TT210002]).