

## Product datasheet for PH302269

### ACP6 (NM\_016361) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACP6 MS Standard C13 and N15-labeled recombinant protein (NP_057445)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202269
Predicted MW:	48.9 kDa
Protein Sequence:	>RC202269 protein sequence Red=Cloning site Green=Tags(s)
	MITGVFSMRLWTPVGVLTSLAYCLHQRRVALAELQEADGQCPVDRSLKLMVQVFRHGARSPLKPLPL EEQVEWNPQLLEVPQTQFDYTVNLAGGPKPSPYDSQYHETTLKGGMFAGLTKVGMQMFALGERLR KNYVEDIPFLSPTFNPQEVFIRSTNIFRNLESTRCLLAGLFQCQKEGPIIIHTDEADSEVLPYNYQSCWS LRQRTRGRRQTASLQPGISEDLKKVKDRMGIDSSDKVDFIILLDNVAAEQAHNLPSCPMLKRFARMIEQR AVDTSLYILPKEDRESLQMAVGPFHLHILESNNLLKAMDSATAPDKIRKLYLYAAHDVTFIPLLMTLGIFDH KWPPFAVDLTMELYQHLESKEWFVQLYYHGKEQVPRGCPDGLCPLDMFLNAMSIVTLSPEKYHALCSQTQ VMEVGNEE
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057445</u>
RefSeq Size:	1832
RefSeq ORF:	1284
Synonyms:	ACPL1; LPAP; PACPL1



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Locus ID: 51205

UniProt ID: [Q9NPH0](#)

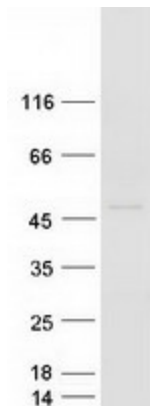
Cytogenetics: 1q21.2

**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:



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]).