

Recombinant Human ACP6 293 Cell Lysate

Cat. No. ACP6-9081HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for acid phosphatase 6, lysophosphatidic (ACP6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ACP6 acid phosphatase 6, lysophosphatidic [Homo sapiens]

Official Symbol

ACP6

Synonyms

ACP6; acid phosphatase 6, lysophosphatidic; lysophosphatidic acid phosphatase type 6; ACPL1; LPAP; acid phosphatase like 1; acid phosphatase-like protein 1; PACPL1;

Gene ID

51205

mRNA Refseq

NM_016361

Protein Refseq

NP_057445

MIM

611471

UniProt ID

Q9NPH0

**Chromosome
Location**

1q21

Pathway

NAD phosphorylation and dephosphorylation, organism-specific biosystem; NAD salvage pathway II, organism-specific biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem;

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Function

acid phosphatase activity; hydrolase activity;

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