

Recombinant Human PPAPDC1B 293 Cell Lysate

Cat. No. PPAPDC1B-2989HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphatidic acid phosphatase type 2 domain containing 1B (PPAPDC1B), transcript variant 2 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 PPAPDC1B phosphatidic acid phosphatase type 2 domain containing 1B [Homo sapiens]

Official Symbol PPAPDC1B

Synonyms DPPL1; HTPAP; phosphatidate phosphatase PPAPDC1B; diacylglycerol pyrophosphate like 1; phosphatidic acid phosphatase type 2 domain-containing protein 1B

Gene ID 84513

mRNA Refseq NM_032483

Protein Refseq NP_115872

MIM 610626

UniProt ID Q8NEB5

Chromosome Location 8p11.23

Pathway Fcgamma receptor (FCGR) dependent phagocytosis, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Role of phospholipids in phagocytosis, organism-specific biosystem

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Function	phosphatidate phosphatase activity
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