

Recombinant Human PPAP2A 293 Cell Lysate

Cat. No. PPAP2A-2992HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphatidic acid phosphatase type 2A (PPAP2A), transcript variant 1 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

PPAP2A phosphatidic acid phosphatase type 2A [Homo sapiens]

Official Symbol

PPAP2A

Synonyms

PPAP2A; phosphatidic acid phosphatase type 2A; lipid phosphate phosphohydrolase 1; LPP1; PAP 2a; PAP2a; PAP2-alpha; phosphatidic acid phosphatase 2a; lipid phosphate phosphohydrolase 1a; phosphatidate phosphohydrolase type 2a; type 2 phosphatidic acid phosphohydrolase; phosphatidic acid phosphohydrolase type 2a; type-2 phosphatidic acid phosphatase alpha; PAP2; LLP1a; PAP-2a; PAP2a2; PAPalpha1; PAP2alpha2;

Gene ID

8611

mRNA Refseq

NM_003711

Protein Refseq

NP_003702

MIM

607124

UniProt ID

O14494

Chromosome Location

5q11

Pathway

Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem;

Function

hydrolase activity; phosphatidate phosphatase activity; phosphatidate phosphatase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA