

Recombinant Human PITPNA 293 Cell Lysate

Cat. No. PITPNA-3167HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphatidylinositol transfer protein, alpha (PITPNA) 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	PITPNA phosphatidylinositol transfer protein, alpha [Homo sapiens]
Official Symbol	PITPNA
Synonyms	PITPNA; phosphatidylinositol transfer protein, alpha; phosphatidylinositol transfer protein , PITPN; phosphatidylinositol transfer protein alpha isoform; VIB1A; PI-TP-alpha; ptdInsTP alpha; ptdIns transfer protein alpha; PITPN; PI-TPalpha; MGC99649;
Gene ID	5306
mRNA Refseq	NM_006224
Protein Refseq	NP_006215
MIM	600174
UniProt ID	Q00169
Chromosome Location	17p13.3
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Netrin-1 signaling, organism-specific biosystem; Role of second messengers in netrin-1 signaling, organism-specific biosystem;

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Function

phosphatidylcholine transporter activity; phosphatidylinositol transporter activity;
phospholipid binding;

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