Recombinant Human VAC14 cell lysate

Cat. No. VAC14-1901HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	Phosphatidylinositol 3,5-bisphosphate (PI(3,5)P2) is a low-abundance signaling molecule. A regulatory complex made up of VAC14 and FIG4 (MIM 609390) control synthesis of PI(3,5)P2 by activating PI(3)P kinase, FAB1 (PIP5K3; MIM 609414). The VAC14/FIG4 complex also functions in the breakdown of PI(3,5)P2 (Zhang et al., 2007 [PubMed 17956977]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	VAC14 Vac14 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	VAC14
Synonyms	VAC14; Vac14 homolog (S. cerevisiae); Tax1 (human T cell leukemia virus type I) binding protein 2 , TAX1BP2; protein VAC14 homolog; ArPIKfyve; FLJ10305; tax1-binding protein 2; Tax1 (human T-cell leukemia virus type I) binding protein 1; Tax1 (human T-cell leukemia virus type I) binding protein 2; TRX; TAX1BP2; FLJ36622;

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	FLJ46582; MGC149815; MGC149816;
Gene ID	55697
mRNA Refseq	NM_018052
Protein Refseq	NP_060522
MIM	604632
UniProt ID	Q08AM6
Chromosome Location	16q22.1
Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	binding; receptor activity;

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