Recombinant Human VAPA 293 Cell Lysate

Cat. No. VAPA-431HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (VAPA), 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	VAPA VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa [Homo sapiens]
Official Symbol	VAPA
Synonyms	VAPA; VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa; VAMP (vesicle associated membrane protein) associated protein A (33kD); vesicle-associated membrane protein-associated protein A; hVAP 33; VAP A; VAMP-A; VAMP-associated protein A; 33 kDa VAMP-associated protein; VAP-A; VAP33; VAP-33; hVAP-33; MGC3745;
Gene ID	9218
mRNA Refseq	NM_003574
Protein Refseq	NP_003565
MIM	605703
UniProt ID	Q9P0L0
Chromosome Location	18p11.2
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem;

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	Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid de novo biosynthesis, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved biosystem;

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