Recombinant Human APPL1 293 Cell Lysate

Cat. No. APPL1-8772HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 (APPL1) 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	APPL1 adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 [Homo sapiens]
Official Symbol	APPL1
Synonyms	APPL1; adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1; DCC-interacting protein 13-alpha; APPL; dip13-alpha; AKT2 interactor; signaling adaptor protein DIP13alpha; adapter protein containing PH domain, PTB domain and leucine zipper motif 1; adaptor protein containing pH domain, PTB domain and leucine zipper motif 1; DIP13alpha;
Gene ID	26060
mRNA Refseq	NM_012096
Protein Refseq	NP_036228
MIM	604299
UniProt ID	Q9UKG1
Chromosome Location	3p21.1-p14.3
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Apoptosis,

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	organism-specific biosystem; Colorectal cancer, organism-specific biosystem; Colorectal cancer, conserved biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Pathways in cancer, organism-specific biosystem;
Function	protein binding; protein kinase B binding;

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