

Recombinant Human PRKRA 293 Cell Lysate

Cat. No. PRKRA-2848HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein kinase, interferon-inducible double stranded RNA dependent activator (PRKRA), 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.

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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 PRKRA protein kinase, interferon-inducible double stranded RNA dependent activator [Homo sapiens]

Official Symbol PRKRA

Synonyms PRKRA; protein kinase, interferon-inducible double stranded RNA dependent activator; interferon-inducible double stranded RNA-dependent protein kinase activator A; DYT16; HSD14; PACT; protein activator of the interferon induced protein kinase; RAX; PKR-associated protein X; PKR-associating protein X; protein activator of the interferon-induced protein kinase; protein kinase, interferon-inducible double stranded RNA-dependent activator;

Gene ID 8575

mRNA Refseq NM_001139517

Protein Refseq NP_001132989

MIM 603424

UniProt ID O75569

Chromosome Location 2q31.2

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Pathway	Ceramide signaling pathway, organism-specific biosystem;
Function	double-stranded RNA binding; enzyme activator activity; protein binding; protein homodimerization activity;

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