

Recombinant Human LRDD 293 Cell Lysate

Cat. No. PIDDD1-4657HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for leucine-rich repeats and death domain containing (LRDD), transcript variant 3 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

PIDD1 p53-induced death domain protein 1 [Homo sapiens]

Official Symbol

PIDD1

Synonyms

LRDD; PIDD; p53-induced death domain-containing protein 1; p53-induced protein with a death domain; leucine-rich repeats and death domain containing; leucine-rich repeat and death domain-containing protein

Gene ID

55367

mRNA Refseq

NM_145887

Protein Refseq

NP_665894

MIM

605247

UniProt ID

Q9HB75

**Chromosome
Location**

11p15.5

Pathway

Caspase cascade in apoptosis, organism-specific biosystem; DNA damage response, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem

Function

death receptor binding; protein binding

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