

Recombinant Human PJA2 293 Cell Lysate

Cat. No. PJA2-3159HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for praja ring finger 2 (PJA2) 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.
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.

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GENE INFORMATION

Gene Name	PJA2 praja ring finger 2, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	PJA2
Synonyms	PJA2; praja ring finger 2, E3 ubiquitin protein ligase; praja ring finger 2 , ring finger protein 131 , RNF131; E3 ubiquitin-protein ligase Praja-2; KIAA0438; Neurodap1; praja2; ring finger protein 131; praja 2, RING-H2 motif containing; RNF131;
Gene ID	9867
mRNA Refseq	NM_014819
Protein Refseq	NP_055634
UniProt ID	O43164
Chromosome Location	5q22.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	ligase activity; metal ion binding; protein kinase A catalytic subunit binding; protein kinase A regulatory subunit binding; ubiquitin-protein ligase activity; zinc ion binding;

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