Recombinant Human RCHY1 293 Cell Lysate

Cat. No. RCHY1-2444HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ring finger and CHY zinc finger domain containing 1 (RCHY1), 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.
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

Tel: 1-631-559-9269 1-516-512-3133
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	mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	RCHY1 ring finger and CHY zinc finger domain containing 1, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	RCHY1
Synonyms	RCHY1; ring finger and CHY zinc finger domain containing 1, E3 ubiquitin protein ligase; ring finger and CHY zinc finger domain containing 1 , zinc finger protein 363 , ZNF363; RING finger and CHY zinc finger domain-containing protein 1; androgen receptor N terminal interacting protein; ARNIP; CHIMP; DKFZp586C1620; p53 induced protein with a RING H2 domain; PIRH2; PRO1996; RNF199; hPirh2; RING finger protein 199; zinc finger protein 363; p53-induced RING-H2 protein; E3 ubiquitin-protein ligase Pirh2; CH-rich interacting match with PLAG1; p53-induced protein with a RING-H2 domain; androgen-receptor N-terminal-interacting protein; PIRH2E; PIRH2F; ZNF363; hARNIP;
Gene ID	25898
mRNA Refseq	NM_001008925
Protein Refseq	NP_001008925
MIM	607680
UniProt ID	Q96PM5
Chromosome Location	4q21.1-q21.3

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Pathway	Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem;
Function	ligase activity; metal ion binding; p53 binding; protein binding; protein homodimerization activity; receptor binding; ubiquitin-protein ligase activity; zinc ion binding; zinc ion binding;

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