

Recombinant Human RCHY1 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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

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Chromosome Location	4q21.1-q21.3
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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