

Recombinant Human RCHY1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RCHY1-4559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RCHY1 MS Standard C13 and N15-labeled recombinant protein (NP_056251) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene has ubiquitin ligase activity. It mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including tumor protein 53, histone deacetylase 1, and cyclin-dependent kinase inhibitor 1B, thus regulating their levels and cell cycle progression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Molecular Mass	30.1 kDa
AA Sequence	MAATAREDGASGQERGQRGCEHYDRGCLLKAPCCDKLYTCRLCHDNNEDHQLDR FKVKEVQCINCEKIQHAQQTCEECSLTFGEYYCDICHLFDKDKKQYHCENCGICRIG PKEDFFHCLKCNLCLAMNLQGRHKCIENVSQQNCPICLEDIHTSRVVAHVLPCHGILL HRTCYEEMLKEGYRCPLCMHSALDMTRYWRQLDDEVAQTPMPSEYQNMTVDILCN DCNGRSTVQFHILGMKCKICESYNTAQAGRRISLDQQTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RCHY1 ring finger and CHY zinc finger domain containing 1 [Homo sapiens (human)]
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_015436
Protein Refseq	NP_056251

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MIM	607680
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UniProt ID	Q96PM5
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