9051 Mira Mesa Blvd, #910094
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RCHY1 Human

Ring Finger & CHY Zinc Finger Domain Containing 1 Human Recombinant
RCP1834

Product Overview

Name	RCHY1 Human

Description

Ring Finger & CHY Zinc Finger Domain Containing 1 Human Recombinant

Accession (Primary)	Q96PM5

Synonyms

ARNIP, CHIMP, hARNIP, PIRH2, PIRH2E, PIRH2F, PRO1996, RNF199, ZNF363, RING finger and CHY zinc finger domain-containing protein 1, Androgen receptor N-terminal-interacting protein, CH-rich-interacting match with PLAG1, E3 ubiquitin-protein ligase Pirh2, RING finger protein 199, Zinc finger protein 363, p53-induced RING-H2 protein, hPirh2, RCHY1.

Introduction

Ring Finger & CHY Zinc Finger Domain Containing 1 (RCHY1) acts as an ubiquitin ligase. RCHY1 mediates E3-dependent ubiquitination and proteasomal degradation of target proteins which among them are TP53, HDAC1 and CDKN1B, consequently regulating their levels and cell cycle progression. RCHY1 is also increases AR transcription factor activity.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The RCHY1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL YTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDKDK KQYHCENCGI CRIGPKEDFF

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HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDILCNDCNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQ.

Precautions

RCHY1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96PM5)