

# Recombinant human RCHY1 protein

Catalog Number: ATGP2187

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-261aa

### UniProt No.

Q96PM5

### NCBI Accession No.

NP\_056251

### Alternative Names

RING finger and CHY zinc finger domain-containing protein 1, ARNIP, CHIMP, hARNIP, PIRH2, PIRH2E, PIRH2F, PRO1996, RNF199, ZNF363

## PRODUCT SPECIFICATION

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### Molecular Weight

32.5 kDa (284aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

RCHY1 has ubiquitin ligase activity. It mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including TP53, HDAC1 and CDKN1B, thus regulating their levels and cell cycle progression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. Recombinant human RCHY1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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### Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL YTCRLCHDNN  
EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGGEYC DICHLFKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA  
MNLQGRHKCI ENVSQRNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT  
PMPSEYQNMT VDILCND CNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQ

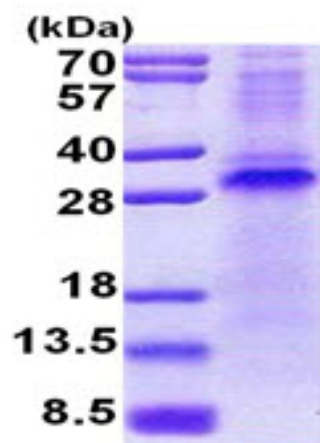
### General References

Hu,L., et al. (2012) Carcinogenesis 33 (8), 1581-1588

Wang,J., et al. (2012) Pharmacogenomics J.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)