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Recombinant human RCHY1 protein

Catalog Number: ATGP2187

PRODUCT INFORMATION

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

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

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

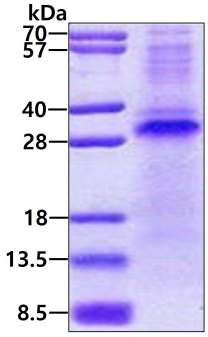
<MGSSHHHHHH SSGLVPRGSH MGS>MAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL YTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDILCNDCNG RSTVQFHILG MKCKICESYN TAQAGGRRIS 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.