

**RCHY1, 1-261aa, Human, His tag, E.coli**

**Cat.NO.: TP03702**

3th Edition

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

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Molecular Weight:**32.5 kDa (284aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGMAATAREDGASGQERGQRGCEHYDRGCLLKAPCCDKLYTCRLCHDNND  
HQLDRFKVKEVQCINCEKIQHAQQTCEECSLTFGEYYCDICHLFDKDKKQYHCENCGICRIGPKEDFFHCLKCNLCL  
AMNLQGRHKCIENVSRQNCPILEDIHTSRVVAHVLP CGHLLHRTCYEEMLKEGYRCPLCMHSALDMTRYWRQLD  
DEVAQTPMPSEYQNMTVDILCND CNGRSTVQFHILGMKCKICESYNTAQAGGRRISLDQQ

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.