

## 32-4625: Recombinant Human Ring Finger & CHY Zinc Finger Domain Containing 1

**Alternative Name :** 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 Pir

### Description

Source : Escherichia Coli. RCHY1 Human Recombinant produced in E. coli is a single polypeptide chain containing 284 amino acids (1-261) and having a molecular mass of 32.5kDa. RCHY1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

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

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL YTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGYYC DICHLFDDKD KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCHGL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMV VDILCNDGNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQ.

