

## Product datasheet for TP307970L

### Pirh2 (RCHY1) (NM\_015436) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ring finger and CHY zinc finger domain containing 1 (RCHY1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207970 protein sequence Red=Cloning site Green=Tags(s)

MAATAREDGASGQERGQRGCEHYDRGCLLKAPCCDKLYTCRLCHDNNEDHQLDRFKVKEVQCINCEKIQH  
AQTCEECSLTFGEYYCDICHLFDKDKKQYHCENCGICRIGPKEDFFHCLKCNLCLAMNLQGRHKCIENV  
SQQNCPILEDIHTSRVVAHVLPCHLLHRTCYEMLKEGYRCPLCMHSALDMTRYWRQLDDEVAQTPMP  
SEYQNMTVDILCNDNCNGRSTVQFHILGMKCKICESYNQAQAGGRRISLDQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	29.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_056251</a>
Locus ID:	25898



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UniProt ID: [Q96PM5](#)

RefSeq Size: 4447

Cytogenetics: 4q21.1

RefSeq ORF: 783

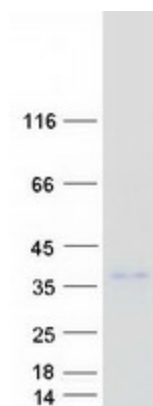
Synonyms: ARNIP; CHIMP; PIRH2; PRO1996; RNF199; ZCHY; ZNF363

**Summary:** The protein encoded by this gene has ubiquitin ligase activity. It mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including tumor protein 53, histone deacetylase 1, and cyclin-dependent kinase inhibitor 1B, thus regulating their levels and cell cycle progression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2013]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** p53 signaling pathway, Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified RCHY1 protein (Cat# [TP307970]). The protein was produced from HEK293T cells transfected with RCHY1 cDNA clone (Cat# [RC207970]) using MegaTran 2.0 (Cat# [TT210002]).