

## Product datasheet for PH307970

### Pirh2 (RCHY1) (NM\_015436) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RCHY1 MS Standard C13 and N15-labeled recombinant protein (NP_056251)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207970
Predicted MW:	30.1 kDa
Protein Sequence:	>RC207970 protein sequence Red=Cloning site Green=Tags(s)  MAATAREDGASGQERGQRGCEHYDRGCLLKAPCCDKLYTCRLCHDNNEHQDRFKVKEVQCINCEKIQH AQQTCEECSTLFGYYCDICHLFDKDKQYHCENCIGICRIGPKEDFFHCLKCNLCLAMNLQGRHKCIENV SQQNCPICLEDIHTSRVVAHVLPCHGILLHRTCYEMLKEGYRCPLCMHSALDMTRYWRQLDDEVAQTPMP SEYQNMVTDILCNCNGRSTVQFHILGMKCKICESYNTAQAGGRRISLDQQ  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056251</a>
RefSeq Size:	4447
RefSeq ORF:	783
Synonyms:	ARNIP; CHIMP; PIRH2; PRO1996; RNF199; ZCHY; ZNF363
Locus ID:	25898
UniProt ID:	<a href="#">Q96PM5</a>



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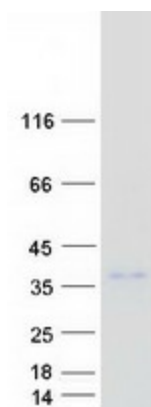
**Cytogenetics:** 4q21.1

**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]).