

## Product datasheet for AR51011PU-N

### RCHY1 / PIRH2 (1-261, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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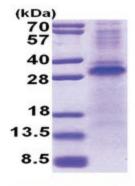
Description:CHY1 / PIRH2 (1-261, His-tag) human protein, 0.5 mgSpecies:HumanExpression Host:E. coliExpression cDNA CloseMSSSHHHHHH SSGLVPRGSH MGSMAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL KYCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VANULPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDICCNDCNG RSTVQFHILG MKCKICSYN TAQAGGRIIS LDQQTag:HistagPredicted MW:32.5 kDaConcentration:IdspecificBuffer:S%b yDS - PAGEPurity:>6%b yDS - PAGEPreparation:Liqui purified protein Suffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liqui purified protein Suffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Store undiluted at 2.8° Cfor one week or (in aliquots) at -20° Cto -80° C for longer. Avoid repaced freezing and thawing.Stability:Nell File: one year from despatch.RefSeq:Nell O1009922Locus ID:Sis8UniProt ID:09EPMSLouis ID:09EPMSKuppenetis:421.1Storegenetis:Appl.PLIPLY.PRD1996; RNF199; ZCHY; ZNF363	Product Type:	Recombinant Proteins
Expression Host:E. coliExpression cDNA CloopMGSSHHHHHH SSGLVPRGSH MGSMAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VQHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDILCNDCNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQTag:His-tagPredicted MW:32.5 kDaConcentration:Iot specificPurity:>85% by SDS - PAGEBuffer:Presentation State: Purified Buffer system: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolStorage:Store undiluted at 2-8° C for one week or (in aliquots) at -20° C to -80° C for longer. Avoid repeated freezing and thaving.Stability:Shell life: one year from despatch.RefSeq:MP 001009922Locus ID:25898UniProt ID:096PM5Cytogenetics:421.1	Description:	RCHY1 / PIRH2 (1-261, His-tag) human protein, 0.5 mg
Expression cDNA Cloop or AA Sequence:MGSSSHHHHHH SSGLVPRGSH MGSMAATARE DGASGQERGQ RGCEHYDRGC LLKAPCCDKL VTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDDKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDILCNDCNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQTag:His-tagPredicted MW:32.5 kDaConcentration:Iot specificPurity:>85% by SDS - PAGEBuffer:Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolStorage:Sore undiluted at 2.8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Ne 001009922Locus ID:SoseUniProt ID:Og6PM5Otygenetics:4q1.1	Species:	Human
or AA Sequence:YTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT VDILCNDCNG RSTVQFHILG MKCKICESYN TAQAGGRRIS LDQQTag:His-tagPredicted MW:32.5 kDaConcentration:Iot specificPurity:>85% by SDS - PAGEBuffer:Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolStorage:Sofe Undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Shell life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:096PM5Cytogenetics:421.1	Expression Host:	E. coli
Predicted MW:32.5 kDaPredicted MW:32.5 kDaConcentration:lot specificPurity:>85% by SDS - PAGEBuffer:Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein Storage:Storage:Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Shell life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:Q96PM5Qtogenetics:4q21.1	•	YTCRLCHDNN EDHQLDRFKV KEVQCINCEK IQHAQQTCEE CSTLFGEYYC DICHLFDKDK KQYHCENCGI CRIGPKEDFF HCLKCNLCLA MNLQGRHKCI ENVSRQNCPI CLEDIHTSRV VAHVLPCGHL LHRTCYEEML KEGYRCPLCM HSALDMTRYW RQLDDEVAQT PMPSEYQNMT
Concentration:lot specificPurity:>85% by SDS - PAGEBuffer:Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein Storage:Storage:Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Shelf life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:Q96PM5Qytogenetics:4q21.1	Tag:	His-tag
Purity:>85% by SDS - PAGEBuffer:Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCI buffer (pH 8.0) containing 0.4M UREA, 10% glycerolPreparation:Liquid purified protein Storage:Storage:Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Shell life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:096PM5Qtogenetics:4q21.1	Predicted MW:	32.5 kDa
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Storage:Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.Stability:Shelf life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:096PM5Qyapenetics:4q21.1	Buffer:	State: Liquid purified protein
repeated freezing and thawing.Stability:Shelf life: one year from despatch.RefSeq:NP 001009922Locus ID:25898UniProt ID:Q96PM5Cytogenetics:4q21.1	Preparation:	Liquid purified protein
RefSeq: NP 001009922   Locus ID: 25898   UniProt ID: Q96PM5   Cytogenetics: 4q21.1	Storage:	
Locus ID: 25898   UniProt ID: Q96PM5   Cytogenetics: 4q21.1	Stability:	Shelf life: one year from despatch.
UniProt ID: Q96PM5   Cytogenetics: 4q21.1	RefSeq:	<u>NP_001009922</u>
Cytogenetics: 4q21.1	Locus ID:	25898
	UniProt ID:	<u>Q96PM5</u>
Synonyms: ARNIP; CHIMP; PIRH2; PRO1996; RNF199; ZCHY; ZNF363	Cytogenetics:	4q21.1
	Synonyms:	ARNIP; CHIMP; PIRH2; PRO1996; RNF199; ZCHY; ZNF363



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	RCHY1 / PIRH2 (1-261, His-tag) Human Protein – AR51011PU-N
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 Pathwa	<b>ys:</b> p53 signaling pathway, Ubiquitin mediated proteolysis

# Product images:



15% SDS-PAGE (3ug)

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