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Product datasheet for RC207970L3V

Pirh2 (RCHY1) (NM_015436) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pirh2 (RCHY1) (NM_015436) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Pirh2
Synonyms:	ARNIP; CHIMP; PIRH2; PRO1996; RNF199; ZCHY; ZNF363
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015436
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207970).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_015436.2
RefSeq Size:	4447 bp
RefSeq ORF:	786 bp
Locus ID:	25898
UniProt ID:	Q96PM5
Cytogenetics:	4q21.1
Domains:	RING
Protein Families:	Druggable Genome, Stem cell - Pluripotency

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Protein Pathways: p53 signaling pathway, Ubiquitin mediated proteolysis

MW: 30.1 kDa

Gene 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]