

## Product datasheet for **MC226380**

### Rchy1 (NM\_001271797) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rchy1 (NM\_001271797) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rchy1  
**Synonyms:** ARNIP; CHIMP; Pi; Pirh2; PRO1; Zfp36; Zfp363; Znf363  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226380 representing NM\_001271797  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGGCGGCGACGGCGCGGAAGATGGCGTCCGCAACCTGGCGCAGGGGCCGCGGGCTGCGAGCACTATG  
 ACAGAGCTTGTCTCCTCAAGGCCAGCAGACTTGTGAAGACTGTAGCACATTGTTGGAGAATATTACTG  
 CAGTATTTGCCACCTGTTTGACAAAGATAAGAGGCAGTACCCTGTGAGAGCTGTGGGATTGTAGGATT  
 GGTCCAAAGGAAGATTTTTCCATTGCTTGAAATGTAATTTATGCCTAACCCACGAATCTTCGAGGAAAAC  
 ACAAGTGTATTGAAAATGTTCCCGGCAGAATTGTCCAATATGCTTGGAGGACATTCACACCTCCCGTGT  
 TGTGCTCACGCTTGCCGTGTGGGCATCTCTACATAGAACGTGTTATGAAGAAATGTTGAAAGAAGGT  
 TACAGATGCCATTGTGTATGCATTCTGCCTTAGACATGACTCGGTACTGGAGACAACCTAGATACTGAGG  
 TAGCACAGACTCCCATGCCATCCGAATACCAGAACGTGACTGTTGACATTCTCTGCAATGACTGTAATGG  
 ACGATCCACAGTCCAGTCCATATCTTAGGCATGAAATGTAAGCTTTGTGACTCCTACAATACTGCCAA  
 GCTGGAGGCCGTAGAGTGCCAGTGGATCAGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271797  
**Insert Size:** 666 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001271797.1</a></u> , <u><a href="#">NP_001258726.1</a></u>
<b>RefSeq Size:</b>	1909 bp
<b>RefSeq ORF:</b>	666 bp
<b>Locus ID:</b>	68098
<b>UniProt ID:</b>	<u><a href="#">Q9CR50</a></u>
<b>Cytogenetics:</b>	5 E2
<b>Gene Summary:</b>	<p>This gene encodes a protein containing CHY-, CTCHY-, and RING-type zinc-fingers. The encoded protein functions as an E3 ubiquitin ligase, and mediates the degradation of target proteins such as p53. The activity of this protein is important in cell cycle regulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>