

## Product datasheet for **RN206957**

### **Cul2 (NM\_001108417) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cul2 (NM_001108417) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cul2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206957 representing NM\_001108417  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCSTTTAAACCAAGAGTAGTGGATTTTGTAGAGACGTGGAACAAGCTGCTAACTACAATCAAGGCTG  
 TCGTTATGTTGGAATATGTAGAGAGAGCAACATGGAACGACCGCTTCTCAGACATCTATGCTTTATGTGT  
 GGCTATCCTGAACCACTTGGAGAAAGACTTTATGCGGAAACAAAGATTTTTTTGGAAAAACAGTTCGG  
 CATTATATAAGAGAGTTCTGGAGTCTGAAGAACAAGTGTGTTATGTATCATAGGTAAGTGGGAAGAAT  
 ACAGCAAGGGTGTGACTATATGGACTGCTTATATAGGTATCTCAATACCCAGTATATTAAGAAAGATAA  
 ATTGACGGAAGCTGATTTACAGTATGGCTATGGTGGAGTAGATATGAATGAACCACTTATGGAAATAGGA  
 GAGCTAGCATTGGATATGTGGAGGAAGTAAATGGTTGAACCCCTCAGAACATCCTCATCCGGATGCTGC  
 TTCGAGAAATTAAGATGATCGTGGTGGAGAAGACCCAAACCAGAAAGTAAATCCATGGGGTTATTAAGT  
 CTTTGTTCATGTTGAACAGTATAAGAAAAATTCCTTAAAGTTTTATCAGGGAATATTTGTGTCTCCC  
 TTTCTGACCGAAACGGGAGAATATTACAAGCAAGAAGCTTCAAATTTATTACAAGAAATCAAAATGTTTCA  
 AGTATATGGAAAAGGTTCTAGGTAGATTAAGAAATGAAGAAATAGATGTCGAAAATATTTGCATCCAAG  
 TTCATATACGAAAGTGATTCACGAGTGTGACGACGGATGGTGGCAGACCACTTGCAGTCTTACTCTCACTCA  
 GAGTGCCACAGCATTATTCGGCACGAGAGGAAGAACGACATGGCAAAATATGTACGCTTACTTCTGTGCTG  
 TGTCCAGTGGTTACCTCATATGATTGAGGAGCTACAGAGACACATCCACGATGAGGGCCTTCGAGCGAC  
 CAGTAACCTTACTCAGGAACATATGCCAACACTATTTGTGGAATCAGTTTTGGAAGTGCACGGTAAATTC  
 GTTCAACTTATCAACACTGTTTTGAATGGTGTATCAGCATTATATGAGTGTCTTAGATAAGCTTGTAAAGT  
 ACTGTGACAACCTTGCTAAAGAAGTCAAGAAAGGGGATGACGGAGAATGAAGTAGAGGACAAGCTTACCAG  
 CTTGATCACAGTTTTCAAGTACATCGATGACAAGGACGCTTTTCAGAAAGTCTATGCAAGAATGCTAGCA  
 AAACGTCTAATTCACGGCTGTCTATGTCTATGGATTCTGAAGAAGCCATGATCAATAAATTAAGCAAG  
 CCTGTGGGTATGAGTTTACCAGCAAGCTGCATCGGATGTACACAGACATGAGTGTGACGCGCCGACCTCAA  
 CAACAAGTTCAACAATTCATCAGAAACCAAGACTGTGATCGATTTGGGGATTAGTTTCCAAATATAT  
 GTCCTTACAGGCTGGTGGCTGCCCTCACCAGGCTCCGTCGTCACATTTGCGATCCCCAAGAGTTAG  
 AGAAAAGTGTACAGATGTTTGAATTGTTTTATAGCCAGCATTTCAGTGAAGGAAACTGACATGTTTACA  
 TTATCTCTGTACAGTGAAGTAAATGAATTTGGGAAACCATATGTAGCTATGGTTACAACCTAC  
 CAATGGCAGTCTTCTTGCCTTAAACAACAGTAAACTGTCAGCTACAAGAGCTTCAAGACAGCACCC  
 AGATGAATGAAAAGGAGCTAACTAAACAATCAATCATTACTTGATGTGAAAATGATTAACCATGATTC  
 AGAAAAGGAAGATATCGATGCAGAACTTCATTTTCACTAAATATGAGCTTCAGCAGTAAGAGAACAAA  
 TTTAAGATTACTACATCAATGCAGAAGGATACACCACAAGAACTGGAACAGACTAGAAGTGTGTAGATG  
 AGGACCGGAAAATGTATCTTCAAGCTGCTATTGTCCGATCATGAAAGCACGGAAAGTGTCTCGGCACAA  
 CGCCCTCATTGAGGAGTAAATCAGCCAGTCAAGAGCCAGGTTCAATCCCAGTATCAGCATGATTAAGAA  
 TGCATAGAAGTTCTGATAGACAAGCAGTACATCGAGCGCAGCCAAGCATCTGCAGATGAATACAGTTACG  
 TTGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108417

**Insert Size:** 2178 bp

**OTI Disclaimer:** 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>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>NM_001108417.1, NP_001101887.1</u>
<b>RefSeq Size:</b>	3761 bp
<b>RefSeq ORF:</b>	2178 bp
<b>Locus ID:</b>	361258
<b>Cytogenetics:</b>	17q12.1