

## Product datasheet for **RN215379**

### **Cul1 (NM\_001108627) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cul1 (NM_001108627) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cul1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215379 representing NM\_001108627  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCATCAAACAGGAGTCAGAATCCTCATGGACTGAAGCAGATCGGTCTTGACCAGATCTGGGATGACC  
 TCAGAGCTGGAATTCAGCAAGTGTACACCAGACAAAGCATGGCAAAGTCCAGATACATGGAGCTCTACAC  
 TCATGTTTATAACTACTGTACTAGTGTGCATCAGTCCAACCAAGCCCGGGTCTGGAGTCCCTCCTTCC  
 AAGTCAAAAAGGGGCGACTCCTGGGGGAGCTCAGTTTGTGGGCTTGGAGTTATAACAAGCGATTGAAGG  
 AGTTTTTGAAGAATTACTTGACAAATCTTCTAAGGATGGAGAAGATTTAATGGATGAGAGTGTGCTGAA  
 GTTCTACACTCAGCAGTGGGAAGATTACCGATTCTCCAGCAAAGTGTGAATGGAATCTGTGCTACCTC  
 AATAGACATTGGGTTTCGTCGCAATGTGATGAAGGACGAAAAGGAATATATGAAATCTATTCGTTGCGT  
 TGGTGACATGGAGAGATTGTTTGTTCAGGCCATTGAATAAACAGGTAACAAATGCTGTTTTAAAAGTAT  
 TGAGAAGGAAAGAAATGGCGAAACCATCAATACAAGACTGATTAGTGGAGTTGTACAATCTTATGTGAA  
 TTGGGACTGAATGAAGATGATGCAATTTGCAAAGGGCCCTACGTTAACAGTGTATAAAGAATCCTTTGAAT  
 CTCAATTTTTGGCTGACACAGAGAGATTTATACCAGAGAAAGTACTGAATTCCTACAGCAGAACCCAGT  
 TACTGAATATATGAAAAGGCTGAAGCTCGTCTGCTTGAGGAACAGCGGAGAGTTTCAAGTTTATCTCCAT  
 GAGAGCACACAAGATGAGCTAGCACGGAATGTGAGCAGGTCTCATTGAAAAACTTGGAAAATTTTTC  
 ACACAGAGTTTCAGAATTTGTTGGATGCTGACAAGAATGAAGATTTGGCCCGCATGTATAATCTTGATC  
 TAGAATTCAGGATGGCCTAGGAGAATTGAAAAACTACTAGAGACACATATTCATAATCAGGGTCTTGCC  
 GCAATTTGAGAAGTGTGGAGAAGCTGCTGCAATGACCCCAAGATGTATGTGCAGACAGTGGATGATTC  
 ATAAAAATACAATGCCCTGGTGTGATGTCAGCATTCAACAACGATGCTGGCTTCGTTGGCTGCACATTGATA  
 GGCTTGTGGTTCGCTTATAAACAACAATGCAGTTACCAAAATGGCCAGTCATCCAGTAAATCCCCTGAG  
 CTTCTTGCTCGGTACTGTGACTCCTGTTGAAGAAAAGTTCTAAGAACCAGAAGAGGCAGAAGTGAAG  
 ATACCCTCAATCAAGTGTGTTGGTCTTCAAGTACATCGAGGACAAAGATGTATTTCAAGATTTCTATGC  
 AAAGATGCTTGCCAAGAGACTGGTACATCAGAACAGTGCAGTGCAGTGCATGCTGAAGCAAGCATGATCTCT  
 AAATTAAGCAAGCTTGTGGTTTTGAGTACACTCCAACTCCAGCGAATGTTTCAAGACATTGGTGTA  
 GCAAAGATCTAAATGAACAGTTCAAAAAGCACCTGACGAATTCAGAACCCTGGACTTGGACTTCAGTAT  
 TCAGGTCCTGAGTCCGGATCATGGCCCTTTCAGCAGTCTGCACGTTTGCCTTGCCGTCAGAGTTGGAG  
 CGCAGTTACCAACGGTTTACAGCTTCTACGCCAGCCGTCACAGTGGCAGAAAATGACATGGTTGTATC  
 AACTGTCCAAAGGGAACTAGTCACTAAGTCTTCAAAAACAGATACACTTTGCAGGCGTCCACATTCCA  
 GATGGCCATCCTGCTTCAAGTACAACACAGAAGAGCCTATACTGTGCAGCAGTGCACGACAGCACTCAG  
 ATAAAAATGGACATTTTGGCACAAGTCTACAGATTTTACTGAAGTCAAAATGCTGGTCTTAGAAGATG  
 AAAATGCCAATGTTGATGAGGTGGAATGAAGCCAGACACCTTAATAAAGTTATATCTTGGTTATAAAAA  
 TAAGAAATGAGGGTTAATATCAATGTACCAATGAAAAGTGAACAGAAGCAGGAACAAGAAACCACAC  
 AAAATATAGAGGAAGACCGCAAACTACTGATTACGGCGCCATCGTAAGAATCATGAAAATGAGGAAGG  
 TTCTGAAACACCAGCAGTACTTGGTGAAGTCTCACTCAGCTGTCTCCAGGTTCAAACCTCGGGTCCC  
 AGTGATCAAGAAATGCATTGATTTCTCATCGAAAAAGAATATTTGGAGCGAGTCGATGGTGAGAAGGAC  
 ACCTACAGTTACTTGGCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001108627  
**Insert Size:** 2331 bp

<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>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_001108627.2</a></u> , <u><a href="#">NP_001102097.1</a></u>
<b>RefSeq Size:</b>	3023 bp
<b>RefSeq ORF:</b>	2331 bp
<b>Locus ID:</b>	362356
<b>Cytogenetics:</b>	4q24