

## Product datasheet for **RR215379**

### **Cul1 (NM\_001108627) Rat Tagged ORF Clone**

#### **Product data:**

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



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**ORF Nucleotide Sequence:**

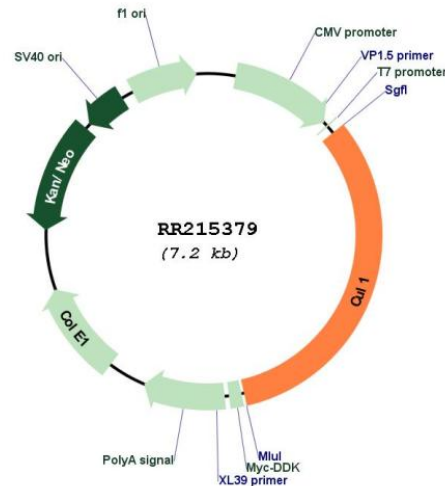
>RR215379 representing NM\_001108627  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCATCAAACAGGAGTCAGAATCCTCATGGACTGAAGCAGATCGGTCTTGACCAGATCTGGGATGACC  
 TCAGAGCTGGAATTCAGCAAGTGTACACCAGACAAAGCATGGCAAAGTCCAGATACATGGAGCTCTACAC  
 TCATGTTTATAACTACTGTACTAGTGTGCATCAGTCCAACCAAGCCCGGGTCTGGAGTCCCTCCTTCC  
 AAGTCAAAAAGGGGAGACTCCTGGGGGAGCTCAGTTTGTGGCTTGGAGTTATAACAAGCGATTGAAGG  
 AGTTTTTGAAGAATTACTTGACAAATCTTCTAAGGATGGAGAAGATTTAATGGATGAGAGTGTGCTGAA  
 GTTCTACACTCAGCAGTGGGAAGATTACCGATTCTCCAGCAAAGTGTGAATGGAATCTGTGCCTACCTC  
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 TGGTGACATGGAGAGATTGTTTGTTCAGGCCATTGAATAAACAGGTAACAAATGCTGTTTTAAAAGTAT  
 TGAGAAGGAAAGAAATGGCGAAACCATCAATACAAGACTGATTAGTGGAGTTGTACAATCTTATGTGGAA  
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 CTCAATTTTTGGCTGACACAGAGAGATTTATACCAGAGAAAGTACTGAATTCCTACAGCAGAACCCAGT  
 TACTGAATATATGAAAAGGCTGAAGCTCGTCTGCTTGAGGAACAGCGGAGAGTTTCAAGTTTATCTCCAT  
 GAGAGCACACAAGATGAGCTAGCACGGAATGTGAGCAGGTCTCATTGAAAAACTTGGAAATTTTTTC  
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 TAGAATTCAGGATGGCCTAGGAGAATGAAAAACTACTAGAGACACATATTCATAATCAGGGTCTTGCC  
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 CGCAGTTACCAACGGTTTACAGCTTCTACGCCAGCCGTCACAGTGGCAGAAAATGACATGGTTGTATC  
 AACTGTCCAAAGGGAACTAGTCACTAAGTCTTCAAAAACAGATACACTTTGCAGGCGTCCACATTCCA  
 GATGGCCATCCTGCTTCAAGTACAACACAGAAGAGCCTATACTGTGCAGCAGCTGACCGACAGCACTCAG  
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 TAAGAAATGAGGGTTAATATCAATGTACCAATGAAAAGTGAACAGAAGCAGGAACAAGAAACCACAC  
 AAAATATAGAGGAAGACCGCAAACTACTGATTACGGCGCCATCGTAAGAATCATGAAATGAGGAAGG  
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 AGTGATCAAGAAATGCATTGATTTCTCATCGAAAAAGAATATTTGGAGCGAGTCGATGGTGAGAAGGAC  
 ACCTACAGTTACTTGGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Plasmid Map:**


**ACCN:** NM\_001108627

**ORF Size:** 2328 bp

**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.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001108627.2](#), [NP\\_001102097.1](#)

**RefSeq Size:** 3023 bp

**RefSeq ORF:** 2331 bp

**Locus ID:** 362356

**Cytogenetics:** 4q24

MW: 89.7 kDa