

## Product datasheet for **RN203000**

### **Cul5 (NM\_022683) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cul5 (NM_022683) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cul5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203000 representing NM\_022683  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGACGTCTAATCTGTAAAGAATAAAGGTTCTCTCCAGTTGAAGACAAGTGGGATTTTCATGCGTC  
 CAATTGTTTTGAAGCTTTTACGCCAGGAATCTGTAACAAAGCAGCAGTGGTTTGTCTGTTTTCCGGATGT  
 ACATGCTGTCTGTCTCTGGGATGATAAAGGCTCATCAAAAATTCATCAGGCTTTAAAAGAAGATATCCTT  
 GAATTTATTAAGCAAGCACAGGCACGCGTACTGAGCCATCAAGATGACACAGCTTTGCTAAAGGCATATA  
 TTGTTGAATGGCGAAAATTTCCACCCAGTGCATATTTACCAAAACCTTTTTGTCACTAGAGGTGAC  
 TTTATTGGGTAACAAAGCAGCAATAAAAAATCAAAATGGAAGACAGTATTGTTGAAAGCTCATGCTT  
 GATACGTGGAATGAGTCGATTTTTTGAATATAAAGAACAGACTCCAGGATAGTGAATGAAGCTGGTGC  
 ATGCTGAGAGATTAGGGGAAGCTTTTGGATCCAGCTGGTCATAGGAGTGCAGAGTCTATGTTAATCT  
 TTGTTCTAATCCTGAGGACAAGCTTCAGATCTATAGGGATAATTTGAGAAGGCATATTTGGACTCAACA  
 GAGAGATTTTATAGAACTCAGGCACCCTCATATTTACAGCAAAAATGGTGTACAGAATTACATGAAATATG  
 CAGATGCTAAATTTAAAAGAAGAAGAAAAAGAGCACTCCGATACTTAGAAAACAAGACGAGAATGTAACCT  
 TGTTGAAGCACTCATGGAATGCTGTGTGAACGCACTGGTGACCTCATTTAAAGAGACTATTTTAGCAGAA  
 TGTCAAGGCATGATCAAGCGAAATGAACTGAAAAGTTACATTTGATGTTTTCACTGATGGACAAAGTTC  
 CTGGTGGGATCGAGCCCATGTTGAAGGATCTGGAGGAGCACATCATAAGTGTGGTCTAGCAGACATGGT  
 GGCAGCTGCTGAAACCATCACCCTGACTCTGAGAAGTATGTGGAACAATTACTTACACTGTTCAATAGA  
 TTCAGTAACTGGTCAAAGAAGCTTTTCAGGATGATCCTCGTTTCCTTACTGCAAGAGATAAGGCCGTATA  
 AAGCAGTTGTTAATGATGCTACCATATTTAAACTTGAATTGCCTTTGAAGCAAAAAGGAGTGGGTTGAA  
 AACTCAGCCTGAGTCAAAGTGCCCTGAGTTGCTTGTCTAATTACTGTGACATGTTATTAAGGAAAACACCA  
 TTAAGCAAAAACCTAACCTCTGAAGAGATTGAAGCAAAAGCTTAAAGAAGTGTCTTGGTACTTAAATATG  
 TACAAAACAAAGATGTTTTATGAGGTATCACAAAGCTCATCTTACCCGACGCTCATATTGGACATCTC  
 TGCTGATAGCGAGATTGAAGAAAACATGGTGGAGTGGCTAAGAGAAGTTGGTATGCCAGCAGATTATGTG  
 AACAACTTGCTAGAATGTTTCAGGACATAAAAGTATCTGAAGACTTGAACCAAGCTTTTAAAGAAATGC  
 AAAAAATAATAAGTTGGCATTACCAGCTGATTCAGTTAATAAAGATTTTGAATGCTGGTCTGGTCTG  
 TAGAAGCTCTGAGAAAGTCTTTGTCTCACTTCTACTGAACTGGAGATTGATACCTGAAGTAGAAGAA  
 TTTTACAAAAAATCATAGTGGTAGAAAATTACATTGGCACCATCTCATGTCAAATGGAATTATAACAT  
 TTA AAAACGAAGTAGGTCAGTACGATTTGGAAGTAACCAGTTTTAGTTGGCTGTGTTGTTTGCATGGAA  
 CCAAAGACCTAGAGAGAAAATCAGCTTTGAGAATCTAAAACCTGCAACGGAACCTCCCTGATGCTGAACTT  
 AGAAGGACTTTATGGTCTTTAGTAGCTTTTCCCAAGCTCAAACGGCAAGTTTTATTGTACGACCCTCAAG  
 TCAATTCACCCAAAGATTTTACAGAAGGCACCTCTTCTCAGTCAACCAGGACTTTAGTTAATAAAAAA  
 TGCAAAAGTACAGAAAAGGGGAAAAATCAATTTGATTGGACGCTTGCAGCTCACTACAGAACGGATGAGA  
 GAAGAAGAAAAATGAAGGAATAGTTCAACTAAGAATATTAAGAACCAGGAAGCCATACAAAATATGA  
 AAATGAGGAAGAAAATAGCAATGCTCAGCTGCAGACTGAATTAGTAGAAAATTTGAAAAACATGTTCTT  
 ACCACAGAAGAAAATGATAAAAGAGCAAAATCGAATGGCTGATCGAGCACAAAGTACATCAGGAGGGATGAG  
 GCCGACATCAACACCTTCATATACATGGCGTAG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII  
**ACCN:** NM\_022683  
**Insert Size:** 2343 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>	<a href="#">NM_022683.1</a> , <a href="#">NP_073174.1</a>
<b>RefSeq Size:</b>	2704 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	64624
<b>UniProt ID:</b>	<a href="#">Q9J131</a>
<b>Cytogenetics:</b>	8q24
<b>Gene Summary:</b>	neuropeptide arginine vasopressin receptor; may have a role in the central nervous system [RGD, Feb 2006]