

## Product datasheet for **RN204161**

### **C6 (NM\_176074) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C6 (NM_176074) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204161 representing NM\_176074  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCAGACATCTCACCTTGTGTTTCATTTTGTCTGATCATACTGATTGACAAGAGTGAAGCCTGTTTCT  
 GTGACCACTACCCATGGACTCACTGGTCCAGCTGTTCTAAGTCCTGCAATTCTGGAACCCAGAGCAGACA  
 GAGACAAATCGTAGTGAACGATTACTATCGGGATAAATCATGCGATCAGCTCTGTACCAAGCAGGAGACC  
 AGACAGTGCAACGTGGAGACATGTCCCATCAACTGTGTCTAGGAGACTATGGAACATGGTCAGACTGTG  
 ACCCTTGTATTAGAAAACAGGTTAAAGTTAGATCTGTTCTGCGCCCAAGTCAGTTTGGGGGACAACCATG  
 CACAGAGCCCCTGGTACCTTTCAACCATGTGTCCATCTGAGCTCTGCAAAATGAAGAGACTGATTGC  
 AAGAATAAATTCCTCTGTGACAGTGGCGCTGTATCCAGCAAGTTAAAATGCAATGGAGAAAATGACT  
 GTGGAGACAATTCAGACGAAAGGAACTGTGGGAGGACAAAGCCAGTATGCTCACGGACATACACTCTAT  
 CCCCAGTGTGAGCTGATGGGCGCTGGGTTTCATTTTCTGGCAGGAGAGCCAGAGGAGATGTCCCTGAT  
 AACTCCTTCACTGGAGGAATATGTAATCCGTCAGGAGCAGCCGAACGAGTAATCCACACCGAGTCCAG  
 CCAATCTGAAAAATGTCAACTTTGAGGTACAACTATAGAAGATGACTTGAAAAACAGATTTCTACAAGGA  
 TTTAGCCACTATTGAAAAAATAAAAAATGAAGACCGTTCATTGTCTGGTGAGAAGAAAGACTCTTTCTAC  
 GTACCAATTTTTTATTCTCAAAGAAAAGTGAATAATTTCCAACGTAACCTCAGGCTTCAAAAAACGCCATTG  
 AAGCCTCCCAAGAAGGATTCGAGCTTTGTTAGGATCCATAAAGTGATAAAAAGTCTTAACTTCACAAAT  
 GAAAACGACAGACCTGCAGCTCTCAGACGCTTCTCTAAAAGCCCTCATCCACCTGCCTTTAGAATAACA  
 TTTGCTTTGTACAGCCGGATATTTGATGACTTTGGGACCCACTATTTACCTCAGGCTCCCTTGGGGGCA  
 AGTATGACCTTCTACCAATTCAGCCGAGGACTACAGAATCAGGTTTAAACAGAAGAAGAACTCG  
 AAACTGTGTCGGTATGAAACAAAGAAACGTTTCTTATTTTTACGAAAACATACAAGGAAGACCGGTGT  
 ACCACAAATAGGCTGTCTGAAAAGTACAAAGGTTCTTTTTACAGGGATCGGAGAAATCTATATCCCTGG  
 TCCAGGGCGGGAGGAGTCAAGCAGCAGCAGCCTTGGCTTGGGAGAAGGGCAGCTCTGGTCCAGAGGCGAA  
 TGTCTTCTCTGAGTGGTTAGAGTCGGTGAAGGAAAACCTGCTGTGGTTGATTATGAGCTTGTCCGATC  
 ATCGACTTGGTCAGAAACATCCCATGTGCAGTGACAAAACGGAACAACCTCAGGAAAGCCCTTCAAGAT  
 ATGCAGCAAGTTTGACCCTTGCCAATGTGCTCCATGTCTAATAATGGCCGCCAGGCTCTCAGGCAC  
 AGAATGTTTGTGTGTGCCAGAGTGGTACCTACGGTGAAGACTGTGAAAAACGGTCCCCAGATTATAAA  
 TCGAATGCAGTGGATGGAACTGGGGCTGCTGGTCTTCTGGAGCGCATGCAATGCTGCTTATAGGAGGT  
 CAAGGAGCCGGGAGTGTAAATCCCTGAGCCACAGCGAGGAGGGCAGCGCTGTGAGGGCAAGCATTGGCA  
 AGAAGAAGACTGTACATTCTCAATAATGAAAAAGTTGGACAACCGTGCATCAGTGATGATGAAGAAATA  
 AAAGAAGTAGACCTTGTGAGCCAGAAGCAGATTCAGGGTGTCTCAGCCACCTCTCCAGAAAAATGCAT  
 TTGTCTGGAATGAAAAGAACTGTACTCAGTCGGGGAGGAAGTTGAAATTCATGTCTCACTGGATTCAA  
 AGCTGTGGGATACCAGTACTTCAGATGCTTACCAGACAGAACCTGGAGGCAAGGGGATGTCGAATGCCAA  
 CGGACCGAGTGCCTCAACCAAGTCGTTCCAGGATGCTCTGACCATCTCCCATTTCCAGAGTGTGTACAAGA  
 TTGGGGAATCCATTGAGCTGACCTGTCCAGAGGCTTTGTTGTTGCTGGCCATCGAGGTATACATGCAA  
 GGGAGACTCCTGGACACCTCCCATTCAAATTCAGTGTGAAAAAGATATTCGACAAAGTCAAAG  
 GGCTTTTGTCAACCAGGACAAAAGCAATCAGGATCCGAGTGTGTTTGTATGTCCCAAGAAGAACTGTA  
 GCAGTTATTCCGGAAGATCTCTGTATATTTGATGAGGGATCCAGTCACTTCACTTCTGCTTGCATGCAA  
 ATTTTTGGCTGAAAAATGTTAAACAGCAACCAAGTCCACTTTGTCCATGCTGGTTCCTGCCAAGAAGGC  
 CCACAGTTAGAATGGGGTCTTGGAGGGCTAAAACCTCGCAATGAAGAGCACAAAGAGAGTGCCTGTGGAT  
 ATGATACTTGTATGACTGGGAAAAATGTTCCAGCCACACCTCCAATGTGTCTGCCTATTGCCCCACA  
 ATGCCCAAGGATGAAAACCACTCCACTGTGTCAAAAATGGGATCATCAATGCGTGGGAAAAACAGTAAAC  
 ATCTGTACTGGGAGCCGTGAGGTGTGCAAAACAGGAAGGTGAAATACTGAATCCTGGGAGGTGCTTGG  
 ATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

<b>ACCN:</b>	NM_176074
<b>Insert Size:</b>	2805 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_176074.3</a> , <a href="#">NP_788263.1</a>
<b>RefSeq Size:</b>	3036 bp
<b>RefSeq ORF:</b>	2805 bp
<b>Locus ID:</b>	24237
<b>UniProt ID:</b>	<a href="#">Q811M5</a>
<b>Cytogenetics:</b>	2q16
<b>Gene Summary:</b>	component of the complement cascade for immune response; may be a component of the membrane attack complex [RGD, Feb 2006]