

Product datasheet for **RN206283**

C2 (NM_172222) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2 (NM_172222) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206283 representing NM_172222
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCCTGTGGCTCTCCTCGCCCTGCTGCAGCTGGGCCAGGCCTGGCTGCTTTCTGCCTC
 AGAATGTCAATATTGTCGGGGGAATTTACTCTCAGCCGTGGCTGGCTCCTGGGAGCGTCTCATCTA
 CTCTGCCCCCTGGGAGGTACCCGTCCCCAGCCTGGCGGAATGCCAGAGCAACGGCAGTGGCAGACA
 CCAAGAGCTAGCTCACTCCACCCCTGAGATCCTCTCGGTTGGCTAAAGCCGTCTGCAAACCTGTTGAT
 GTCCAGCTCCCACGTCTTTGAGAATGGCATCTATCCCTCGGCTGGGTCTACCCCGTGGTGGCAA
 CCTGAGCTTCGAGTGTGAGCATGGTTTACCTTGGGGGCTCGCCGTGAGGACTGTGCCCCAACGGC
 GTGTGGGATGGAGAGACGGCTGTGTGTGACAATGGCGCTAGCCACTGCCCAACCCAGGCATCTCAGTGG
 GCACAATGCGGACAGGCTCGAGCTTTGACCTTGGAGACAAGTCACTTACCGCTGTTCTCCACGAATCT
 GGTATTGACCGGCTCTGTAGAGCGGAGTGTCTGAGTAAACGGAGTGTGGAGTGGGTGGAGCCCATCTGC
 CGACAGCCATACTTTACGACTTCCCTGAGGATGTAGCATCTGCCCTAGGCACCTCTTACCCACCTGC
 TTGGAGCCACCAATCCCATCCAGAAGAGGACAGAAAACCTGGGCCGTAATAATCCAAATCCAGCGCTCGGG
 CCACCTGAACCTCTATCTGCTGCTTGTATGCCTCTCAGAGCGTATCGGAAAAAGACTTTAATCATCTCAAG
 GAGAGCGCCTTCTCATGGTGGACAGGATCTTACGCTTCGAGATAAAGGTGAGCGTAGCTATCATCACCT
 TCGCCTCACGGCCAAAATCATCATGTCCTGCTGAATGAGAGATCCCAGAATGTGATGGAGGTGATGGA
 CAGTCTAGACTCTGTCTGCTACAAAGATCACGAAAATGCCACTGGCACTAACACTTACGAGGCTCTCAAC
 AGCGTCTACCTCATGATGAATAACCAGATGGATCGCCTCGGCATGGAGACCTCTGCCTGGCAGGAAATCC
 GCCATGCCATCATCTGTTGACTGACGGAAAGTCCAACATGGGTGGCTCTCCCAAGCCGGCAGTCGACAA
 CATCAGAGAGATCCTGGGCATCAGTCGGAACAGAAACGACTACCTGGACATCTATGCGATTGGGGTGGGT
 AAGCTGGATGTGGACTGGAAGGAACTGAACGAGCTGGGGTCCAAGAAGGACGGCGAGAGGACCGCCTTCA
 TCTTGCAGGACGCAAAAGCTGTGCAGCAGGTCTTTGAGCACATTCTGGATGTCTTAAGCTCACAGACAC
 CATCTGTGGGGTGGGAAACATGTCCTCAATGCCTCTGACCAGGAGAGGACACCTTGGAAGTCACTTTT
 AAGCCCAAGAGTAAGGAGACTTGCAGGGGTGCTTATCTCTGACCAGTGGGTGCTGACTGCGGCTCACT
 GCTTCCATGACGCTCAGATGGAGGACCGCCACCTGTGGAGGTGATCGTGGGGGATCCCACCTCTCATCA
 CGGCAAAAGAAATCCATGTGGAGGAGGTGTTAGTTGCCCTGGGTTAATGTCCACGCAAAAGCAGAGCCAG
 GGCATCTCGGAGTCTACGCTGATGACATTGCCCTGCTGAAGCTGTCTCAGAGAGTGAAAATGTCCAGCC
 ACGCCAGGCCATCTGCCTTCTTGCACAGTGGGGGCCAACATGGCTCTGCGGAGATCCCAGGTAGTAC
 CTGTAAGACCATGAGACAGAACTTCTGTACAGCAGAAGGTTCTGCGCATTTCGTAGCTCTGAACGGG
 AACAGAATGAACATCAACCTCAGGACAGGACCTGAGAGGACAAGCTGTATCGAGGCTGTCTCCAAAAACA
 AGGGCAGCTTCCCGGCTTGACAAACGTGAGTGGTGGTACAGACCAGTTCCTATGTAGCGGGATGGA
 GGGAGATGACAGTCTTGCAAAGGAGAATCCGGGGGAGCCGTTTTCTTGAGCGGAGGTACAGGTTTTTC
 CAGGTGGGCTGGTGGTGGGGTCTTTTGGACCTTGTACGGTTCCTCCAACAAAACCTTGCGCAGGA
 AGCCTCCGCATGGCGTTGTGCTAGGACTTCCACATCAGTCTCTCCGGCTGCAGCCCTGGTTGAGGCA
 GCACCTGGATGGTGTCTCGACTTTTTGCCCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1484_e03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_172222

Insert Size: 2277 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).
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:	<ol style="list-style-type: none">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_172222.2 , NP_757376.2
RefSeq Size:	2629 bp
RefSeq ORF:	2277 bp
Locus ID:	24231
Cytogenetics:	20p12
Gene Summary:	likely component of the classical pathway of the complement cascade; sequence is found within the major histocompatibility complex [RGD, Feb 2006]