

Product datasheet for **RN203415**

C9 (NM_057146) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9 (NM_057146) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203415 representing NM_057146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCTCAGGACTCCAGGGCTGCCTAGGAGGAGCGGCATGGCCTCAGGCGTGACCATCACCTAGCCA
 TTGCAATCTTTGCCTTGGAGATCAATGCACAGGCCCCAGAGCCCACTCCCGGGAAGAGCCATCAGCAGA
 CGCCCTCTACCAATAGACTGCAGAATGAGCACATGGAGTCAGTGGTCACAGTGTGATCCTTGCCTCAAA
 CAAAGGTTTCGCTCAAGAAGCATGGAAGCTTTGGACAGTTTCAGGGAAAAAGCTGTGCTGATGCTTTGG
 GAGACAGACAACATTGTGAACCCACTCAGGAGTGTGAAGAGGTACAGGAAAAGTGTGGGAATGACTTTCA
 GTGTGAAACAGGCAGGTGCATAAAGAGGAACTTCTGTGTAATGGTGACAACGACTGTGGAGATTTTTCT
 GATGAGAGTACTGTGAAAGTACCCGCGCCTCCCGTCCCGTGACCGGGTGTAGAAGAATCGGAACTGG
 GACGAACAGCAGGATATGGGATCAACATCTTAGGGATGGATCCCCTGGGACGCCTTTTGACAATGAGTT
 CTACAATGGACTCTGTGACCGGGTACGGGACGGAAACACTTTGACATACTATCGCAAACCTTGGAACTGA
 GCATTTCTGGCCTATGAAACCAAGGCTGACAAAAATTTGAGAAGTGAAGATTATGAAGAAGCTTTGAAA
 TGTTCAAAACCATCGTCCGAGACAGGACCAGGTTTTAATGCTAATTTAGCTCTAAAATTCACAATCAC
 TGAAGCACCTATAAAAAAGTTGGAGTTGATGAAGTCAGCCAGAAAAAACTCTTCAAAGCCTAAAGAC
 TCTTCTGTTGATTTTTCAATTTTCATATTTCAAGAAAGAAAATTTCAACGATTGTCATCCTACTTGTGAC
 AGACGAAAAAGATGTTTCTGCACGTGAGAGGAATGATTCAACTGGGGAGATTTGTCATGAGGAATCGGGG
 CGTTATGCTGACGACAACCTTCTGGATGATGTAAGGCTTTACCAGTTTCTATGAAAAGGGCGAATAT
 TTTGGGTTTTTGGAGACTTATGGGACTCACTACAGTAGCTCTGGTCCCTGGGAGGGCTCTACGAACTGA
 TCTATGTCTTGGATAAAGCTTCCATGAAAGAGAAAGGTGTTGAAGTCAAGGAGGTAAGCGGTGTCTTGG
 GTTTAACCTGGATGTTTCTATATACGCCTCTACAAACTGCCTTAGAAGGACCATTGACAGCCAAT
 GTTAATCACAGTGATTGCTTAAAGACAGGGATGGTAAAGTAGTAAACATCAGCCGCGATCACATCATAG
 ATGATGTTATTTTCATTATAAAGAGGAGGGACCAGGAAGCAAGCAGTTCTCCTGAAAGAGAAGCTTCTCAG
 AGGAGCCAAGACGATTGATGTGAACGACTTCATCAACTGGGCTCATCCTTGGATGACGCTCCAGCTCTC
 ATTAGTCAAAAAGTGTCCCTATCTATAATCTCATTCTTTGACAATGAAAGATGCATACGCAAAGAAAC
 AGAATATGAAAAGGCTATTGAAGACTATGTTAATGAATTCAGTGCTAGAAAAGTGTACCCATGTCAAAA
 CGGAGGCACAGCAATTCTTCTGGATGGACAGTGCATGTGCTCCTGCACAATCAAGTTAAGGGGATTGCC
 TCGGAAATCAGTAAACAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_057146
- Insert Size:** 1704 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:

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_057146.1](#), [NP_476487.1](#)

RefSeq Size: 2083 bp

RefSeq ORF: 1704 bp

Locus ID: 117512

UniProt ID: [Q62930](#)

Cytogenetics: 2q16

Gene Summary: component of the terminal complement complex C5b-9, which induces cleavage and activation of caspase 3 and mediates induction of apoptosis [RGD, Feb 2006]