

## Product datasheet for **RN209409**

### **Cd19 (NM\_001013237) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cd19 (NM_001013237) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd19
Synonyms:	MGC109570
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209409 representing NM\_001013237  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCATCTCCTCTCCCTGTCTCCCTCCTCTCTTACCTTAGTAGGAGGCAGGCCCAAGAATTCCT  
 TACTGGTGGAGGTAGAAGAGGGAGACAATGTTGTGCTGTATGCCTCCGGGACTCCTCACCTGTCTCTTC  
 TGAGAAGCTGGCTTGGTATCGAGGTAACCAAGTCAACACCCCTCCTGGAGCTGAGCCTCAGGTCCCGGAC  
 CTGGGTCTGCACATCGGGCCCTGGGCATCTTGCTAGTGATTGTCAATGTCTCGGACCATAGGGGGGGCT  
 TCTATCTGTGCCAAAAGAGGCCCTTTTCAAGGACACCTGGCAGCCTGCCTGGACCGTAAACGTGGAGGA  
 TAGTGGGAGCTGTTCCGGTGAATGCTTCAGACTTGGGGGACCTGGATTGTGACCTAGGAAACAGGTCC  
 TCAGGGAGCCACAGTCCACTTCTGGTCCCAGCTGTATGTGTGGGCTACAGATCATCTGAGGTCTGGA  
 AAACAAAGCCTGTATGTGCCCCACGGGAGATCAGTCTGAATCAGAGTCTAATCAACCAAGATCTCACTGT  
 GGCCCTGGCTCCACACTTTGGCTGTCTGTGGCGTACCCCTGTCCAGTGACCAAAGGCTCCATCTCC  
 TGACCCATGTGATCCTAAGACGCTTAACGTTTCATTACTGAGCCTAAGCCTTGGGGGAGAGCACCCAG  
 TGAGAGAGATGTGGGTTTGGGGTCTCTTTTGCTACTGCCCAAGCCAAAGCTTCAGATGAAGGTACCTA  
 TTATTGTCTCAAGGAGGCTGACCATCAAGATGCACGTGAAGGTCAATGCAAGGTGAGCAGTGTGGCTC  
 TGGCTGTTGAGGACTGGTGGATGGATAGTCCCAGTTGTGACTTTAGTATATGTCACTCTTCTGTATGGTTT  
 CTATGGCGGCTTTTCTCTATTTTTCGAAGAGCCTTCATCCTGAGGAGGAAGAGGAAGCAATGACCGACCC  
 TGCTAGGAGATTTTCAAAGTGACGCTCCCTCAGGAAACGGGACCCAGAACCAGTATGGGAATGTGCTC  
 TCCCTTCTACATCTACCTCTGGCCAGGCCATGCTCAGCGTTGGGCTGCTAGCCTAGGGAGTGGTCTG  
 TGTCTATGGAATCCACGCATTGAAGTCCAGGATGCTGGAGCTCAGAGACATGAAACAGGACTGGAAGA  
 AGAAGGGGAGGCCATGAAGAGCCAGACAGCAGGAGGGCTCTGAATTCTATGAGAATGACTCCAACCTT  
 GAGCAGGATCAACTTTCCAGGATGGCAGTGGCTATGAGAACCCTGAGGATGACCCCGTAGGTCCAGAGG  
 AGGAAGACTCCTTCTCCAATGCCGAGTCTTATGAAAATGCAGATGAGGAGCTGGCCCAACCAGTTGGCAG  
 GACGATGGACTTCTGAGCCCCACGGTCTGCATGGGACCCAGCCGGGAAGCATCCTCCCTTGGGTCC  
 CAGTCTACGAAGACATGAGAGGGATCCTGTATGCAGCTCCTCAGCTCCAATCAATTCGGTCTGGTCCCA  
 GTCATGAGGAAGATGCAGACTCTTATGAAAACATGGATAAATCTGACGACCCAGAGCCAGCATGGGCAGG  
 AGAGGGCCACATGGGGACTTGGGGTCCACGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001013237

**Insert Size:** 1644 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\\_001013237.3](#), [NP\\_001013255.2](#)

**RefSeq Size:** 2404 bp

**RefSeq ORF:** 1644 bp

**Locus ID:** 365367

**Cytogenetics:** 1q36