

Product datasheet for **RN212967**

Ccdc166 (NM_001130509) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc166 (NM_001130509) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc166
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212967 representing NM_001130509
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCCCAAGAAGAAGCGCGGACAAAACGCTGGGCGCAAGCAGCGGGCCAAAGTGGGAGCCACAGC
 TCTCGGAGCGCGGCAGTACTTACAGCGCAGTATGCGATGCTCTCGGAGAGCCTGGCGGTCTGTGAGCA
 GCGGATAGACGAGGTGCTGCAGAGCAATGCGTTCTGAACAGCGAGGCGCAGCGCTTAAAGGAAGAAAAC
 CGGCTTTTGTGCGTTATGTGAGCGCGCAGCTCTGCGCTGCGCCAACGCCATCGTGCGCCTCGAGGACC
 AGAACCGCACAGACCTGGCGCAGATCCGGTGGCAGCGAGCGGAGCTGGCGTCGTTTTACCACGGCCGCGA
 GGACGGGTGCGTGCACAGCTGCAGGAAATGAAGAAGCGCGCAGAAAACATGACACAGCAGGTGCAGGAG
 CTGCAGCCCTACAAGGAGTTCAGCTGGAGCAGCTGGCACGAATCCGACCCCTGGAGCGTGAGCTGCTGC
 ATATGCGCGTGGAGCACACGAGCTCCTCCACCAGGTGAAGCAACGCTTCTGGATGATAAGTCTGCTTT
 CGAGCGGAGGCACGCCCTGCACGTGCAGTCCCTGACACGTCGCGCAGAGCGGGAGGCAGCGCTTCCCTT
 ATTTCCACGCACAGGCCCTCAAGGCAGACAATGGGCGTCTCCGACAAGAACTCATGAGGCTTCTCCAGA
 GGGCCAGTTACTGCAGAACATGCGCCAGCAGCTGCTGGAGCAGCGGGAGCAGCTGCGCCGGGAGCAGCT
 GGACATGCAGAACCTGGAGCACATGCACGGCTGGTTGCACAGGGGTCCCGAGGGGCCACCACTCTGGCAG
 CCACCCCAAAGCCACCAACCTAATTGCGCATCGGGTCATTTGTACCGCGCTGGACTCAACACAACACA
 TGTTAAGAGCCCAGGCTGCACCCCAATCATTTTCGTCTCCCGGGTCCATCGGTGGATCAGTCGCACCG
 AGCCTCCAGGAGTCCATCCGTACTGTCCAGTGAGTCTTTCCCGGGCGGTCTCTTAAGGCTGGTCTGTG
 ATTGCTCCCGGAGTTCATCCGGTCTAAGATCTCGAGTCTCATCTGACTCCATCAGCAGGGGCTCGC
 GGATCTCATCCGTGACCCCGTCACGCAAGGGCTCCACAGTTCATCCATGACCTCAGGTCCCTTGGCGCC
 ACGGAGGAGTCTCGACTCTCTCCGACGCCCTCCTTGGTGAGATGTCTTCAGAAACTGACACACCTGCA
 AAATCCAGCTCCAAGCTTTTTTCAGGGGTGTCGGAAGATCACTTCCCTCTCAGCCACAATTGGAAGAGA
 CAGAAAACACTGTGGACAACACAAACTGTCTTGAGCAAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001130509

Insert Size: 1377 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_001130509.2, NP_001123981.2

RefSeq Size:	1727 bp
RefSeq ORF:	1377 bp
Locus ID:	680799
Cytogenetics:	7q34