

Product datasheet for **RN212011**

Ccdc102a (NM_001108437) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc102a (NM_001108437) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc102a
Synonyms:	RGD1308684
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212011 representing NM_001108437
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCCACGGCCCGAGCCCCGGCTGGCTGAGTCCCCGAGCTGTCCAAGAGCAGCCTGCTTACCATCC
 TGGGCAGCCCGTCCCCGAGCGCATGGGCCGGCCGACTCGCTGCCACCCACGCCGCTAGCGGCACTCC
 ATCACCCGGACCAACCCACACTACCTTGACTGCGCCCGCACTGCTGGCCGACGGCGACTGGGAGAGC
 CGCGAGGAGCTGCGGCTGCGGGAGCTGGAGGAGCGCGCGCCGAGCCTTGACAGTGGAGAAAACATGC
 GCTGGTGGTGGACTGCACGGCGAACTGGCGGAGAAAGTGGAGCAAGGTGCGCGCTGAGCGCAACCGTGC
 GCGGGAAGAGGTTGCCAGCTGCCGAGCGCTGGACACGCTACCAAGGAGTTGGCGGGCGCGCCGCG
 GAGCGCCAGGAGGCTCAGGGCGAATGCGAGGCGCGCGCCGCGAGCTGGCCCGGCTGCGGGAGCGCGCG
 GTGCTGCAGACAAGACACATGAAGGCCCGAGGGCGGAACGCGAGCAGAGCCAGTGGGGACATCGGGG
 GGAGAGGTGCGCTGGCAGCCAGGAGCTGGACCTGGTAGAGAGCCTGCTGAAGAGCAGACCAGAGGAGCTT
 GAGGGCTCCTGGGATGCCTGCAGTGTGGCAGCTGGGGGCTCTCGGGTCACTCCGACGCCAGGATCGCA
 ACCGCCTGCCCTGGGAGGACACAGCCGGCACAGAGGAGGATACCTCCAAGTTGACCGCCCTTCGGTACG
 GCTAGATGAATCCAGAAGGTTCTCTCAAGGAGCGAGAGGATAAGCTGGCTTTGAGCAAGAATCGAG
 AAGCTGGAGGGGGAGCTTAGCCAATGGAAGATCAAATACGAGGAGTTGAGCAAAACCAAGCAGGAGATGC
 TCAAGCAACTCAGCATCCTAAAGGAGACGACAGGATGAAGTGGGCCGATGTCGGAAGACCTGGAAGA
 TGAAGTGGGTGCACGCTCTAGCATGGATCGCAAGATGGCCGAGCTGAGGGGTGAGATGGAAGGCTCCAG
 GCGGAGAATGCAGCCGAGTGGGGCCGAGAGAGCGGCTGGAGACGAGAAGCTGGGCCTGGAACGGGAGA
 ACAAGAACTGCGTGCGCAGGTTGGGGACCTGGAGGAGGCCCTGGCCCGCAGACGACAGAACGCCAG
 TGGCCTGGACTGTGACCTGAGGGCCAGCCAGGCCGCCCTTTTCGAGAAGAACAAAGGAGCTGGCAGACCTG
 AAGCACGTGCACAGCAAGCTCAAGAAGCAGTTCCAGGAGAAGGTGGCCGAGCTGGCACACGCCAATCGGC
 GCGTGGAGCAGCAGAGACGGAGGTAAGAAGCTGAGGCTGCGGGTGGAAGAGCTCAAGAAAGAACTGGC
 CCAGGCTGAGGATGAGCTGGACGAGGCCACAACAGGCACGGAAGCTGCAACGGTCGCTGGACGAGCAG
 ACGGAGCAGAGCGAGAACCTACAGGTGCAGCTGGAACATCTGCAGTCCAGGCTCCGACGGCAGCAGCAAA
 ATGCCCCCTTTTGGGAAGATTCGAGTACCCGGTTTGGCACCAGGAAGCCGGAGATGGAGCGAGCGA
 CCTAGATGAGGATGAGGACCTGCAATCCAGGTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001108437

Insert Size: 1650 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_001108437.1](#), [NP_001101907.1](#)

RefSeq Size: 2299 bp

RefSeq ORF: 1650 bp

Locus ID: 361363

Cytogenetics: 19p13