

Product datasheet for **RN215000**

Ccdc174 (NM_001009659) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc174 (NM_001009659) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc174
Synonyms:	RGD1305225
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215000 representing NM_001009659
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGATCGAAAGAAAAAGCCTTTGGACGTTACAGCCTCCTCGTTGGTAGATCTTAAGGCTGAGCTTTTCC
 GAAACAAGAAGAAATTCAAACAAGAAAACTTCTAAAAGATTCTGGAGTTTTTGGAAAAACCAAGACATC
 TAATAAGAAGCCAAGTATCTGGAGCAAAACAAATGCAGGTGTTTCCAGTCGAGCAGAGAAGGACGCTGAA
 CAGAAGCTTGAGGAGCAGAAGACTTTAGACAAATCAAGGGAAAAATTGGAAGAAAAGGCCAAATTATATG
 AAAAGATGACTAAAGGAGATTTCTAGATGAGGAAGTGGAGGACATGTACCTTGTGGATTTACACAGAA
 AATCATAGACAAGCGAAAAAGAAATGGAGGTGCTTGGTGCCACTAGAGATCCCGAATCAAAGAAGAGAGA
 GATGCTGCTGTTGCTGCTAATGATGATGATGAAGAAGAGTTTTCTGAAAAAGACATACCTCCCC
 CTCAAGACCCAGTGAGGAATGGGTGGATTATGTGGACTCTTTGGGCCGATCCCGGCCGCTGCATGAGAAA
 GGATTTACCAAGTCTATTGGAGATGGATAAAAAATCTTCAGGGGAGACTTTTTGTTAGTCTGCTAATGAA
 AAGACTTTGTATCTGAAGACATGAGGAAAGAATTCAGCGCCAACAATGGGAGGAAGAAGAAAGGGAGG
 CTTTGAACCAATGGGGCCATCCACTATGAAGACATTTCGGGAAAAATGAGGCCCGGCAACTTGGTGT
 TGGGTATTTGCTTTGCCCCGAGACAAAGAGTTGAGAAACAAGCAATGAAAACTTTAGAGATGCTTCGT
 GAGCAGACAACAGATCAGAGAATAAAACGAGAAAAACATAAAGGAAAAGCGAAAAGCTATCTTAGAAGCAA
 GACTTGCCAAGCTTCGACAAAAAAGATGAAAAAGTCAAAGGAGGATGGGACTGAAGAGGAAAGCAGAGC
 AGATGGAGTTGTTACTGAGCCCTCAGAACCAAGTCTGTACCTGCTCCACCTCCTGTGGCCAGAGCAGC
 AAGGTGGAAGTCATCATCCAGGAGAGGAAGGACAGCAAGCCTGGAGTGCCACACATCCGAGAGTGGGACC
 GAGGGAAGACTTTTCCTTTGGATTCTGGTCAAGAAGCAGTCAGAACTCCGGGCTGAGCGAGATCCTGA
 GTTTGCCCCACCTTCAAATTACTTTGTGGGTCAAAGAGAACTGGTTCTTTGAGTAGCCAGCCATGGAGC
 AGACCAGGAGCAGCACCAAGTGACTTGGGGCATTCTCTGGCCAGAGCCAGGAACCCAGCTCTTCACACA
 CATCCACTCCTGCCTCTGAAAGCTCACCACAAGCACCCACAGTCACTTTCCAAACTAGATGATATGAT
 ATCTTATTATAACAAGTCACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001009659

Insert Size: 1425 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_001009659.2, NP_001009659.2
RefSeq Size: 1793 bp
RefSeq ORF: 1425 bp
Locus ID: 297458
UniProt ID: Q5PQS7
Cytogenetics: 4q34
Gene Summary: Probably involved in neuronal development.[UniProtKB/Swiss-Prot Function]