

Product datasheet for **RN204797**

Ccdc82 (NM_001007660) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc82 (NM_001007660) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc82
Synonyms:	MGC94183
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204797 representing NM_001007660
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTACATGCTAGAAGGCACGAAACAAGAAAAAATTCTAAAACCAAGTACCAGAGCAAAAATCTCGAG
 TCGATTGGCGTCGACTAAGAGAAGTGTCTCACAGTTATTTGATAGTGACGAAGAGCTTGATAGTGACGA
 GGAAATTGGCAGTGATGAAGACCTTGATGGTGGGAAAGTATTGACAGTGATGGAAGCTTGATATTAGC
 AAGGACTCTGGTATTAATGAAATACCAGAAAAGGAAACAGAGCTTAACCTAATCAAAGTTGAAAGTGAGA
 GAAGCAACAGTAAATGTCATATGAATACCAGCAGTAGTTCAGCAGATGAAGAAGAAATGAACAAAACCAA
 ACATAATGACTTACCAGATGATGAAGCTCACCCAGGTCAAGCAGAGGGTCATCACAACAACTACTGGA
 CAAGTCCTAGAGGAGGATGTGGAAGATGAATGCATCAAGCCAGGAAAAAGAAAAAGGCTGTCTCTGTGA
 TGTATGACAGTGATGAAGCGGATGACAGTGATATCCTAGTTAGAAAAGCAAGTGTAAGCACCCACGCAG
 GGTGGTCGAGGATGAATGTTCTTATTGGAATGGAGCGAGAACTCCTGAGAAATCACCAGCTGCTCGA
 AAGAGAGAATACCACCAAAGCTACAGGAATCTGCGAAAGATCACGCCAGAAACAGAGACACAATAGTG
 GTAGAAATTGTGAGAGCTCTGAAAAGGACTCTTGTTCAGCACTGATGAGGATGAGGACGATGATGATTA
 CGGAGATGCTGAAAATGAAGATGATTACATGATTGATGATTTTGTAGTAGGAGATGAGGAAGCTGATGAA
 GAGAATAAAAAACAAGGAGAAAACTGACTACATCACAATGAAATTAGTAAACAAAAATTTCTTTTATT
 CTTTTAGTGACCATTACACTCACTTTGAAAGAGTTGTGAAGGCTCTTCTGATCAATGCTTTTGTGGATC
 TTTTCTGGAACCTTTGTATGCTGGCAAGAGGAAGAAATCCTATGCACAAGATATGTTGACATCTTTCAT
 TACTTGGATGATCGCTTTATTCAACCCGCTCTGGAGAGTTTAGTCTCTAGAAGTCGGTGGAGAGAGCAAT
 ATAAGGAGCGGGTTGAAAGCTACTCTGACTTAAGCATCCACTGGAAGAGCCCGAGAACTGTGGCTGCCA
 GGCTTGTGGGCTGCATCGCTACTGTAAATTCTCAGTGCGTCTCTCAGGAAAGTTATATAACACCCGGACG
 ATGGAGACAGATGACTTCATGTACGTGACAAGCAGGTGTTTATTGTTGGCAGAATTTGTCTGAACGGA
 CCAAAATTTATCATAAACTAAAGCATTTTAAATTCAAACTATACCAAGACTGTTGCTCCATTGCATACAC
 AAAAGAAGTTGGAGATGAACAGGTCAAAGATACAGTAAAGAGACTCTTCTGTGAGTTAAAAAAGTGGC
 TGGATTAGAAAGAACATGGTCAACTGGAGGAGTATCTAAATTCTGCGGATTATTTTCAAGATGAGAAGT
 TTAAATT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007660

Insert Size: 1551 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_001007660.1](#), [NP_001007661.1](#)

RefSeq Size: 3051 bp

RefSeq ORF: 1551 bp

Locus ID: 300359

UniProt ID: [Q66H73](#)

Cytogenetics: 8q11