

Product datasheet for **RN209394**

Ccdc80 (NM_022543) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc80 (NM_022543) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc80
Synonyms:	CL2; Dro1; Ssg1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209394 representing NM_022543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGTGAAAAATGGGACCCCACTTCACCATGCTCTTGCCATGTGGCTGGTGTGTGGATCAGCATCTC
 AGTCTTCTGCCTTGATAGCGATGGCCGCCAGGAAGGAAAGTACCTTTGGCTTCTCCAATCAGCAGTAG
 GTCAGCTCGATATCTGAGGCACACTGGGAGGTCTGGTGGAGTTGAGAAATCCACTCAGGAAGAACCAAAAT
 CCTCAGTCTTTCCAAAGGAGGAAGAGTGTACCAGTGTGAGATTAGCTCACCCGACTGTGAGACCGCCCC
 CCTCAGGTATCAATGGAGCCCCAGTCAGACCTGAGTTGAAACCCATAGCTAGGGGCTCCGCGAGTGAGAT
 GGTCCGAGATGAGGGTCTCTGCTCGGACAAGAATGTTGCGATTCCCCTCTGGATCCAGTTCTCCCAAT
 ATCCTGGCCAGCTTTCAGGAAAGAACAGGGTGTGGTTCATCTCAGCCCCTCATGCCTCAGAGGGTACT
 ACCGCCTCATGATGAGCCTCTGAAGGATGATGTGTACTGTGAGCTGGCAGAAAGGCACATTCAACAGAT
 TGTGCTGTTCCACCAGGCAGGGGAGGAAGGGGAAGGTACGGAGGATCACCAGTGAGGGCCAGATCCTG
 GAGCAGCCTCTGGACCCAAATCTCATCCCAAGCTGATGAGCTTCTGAAACTGGAGAAGGGCAAGTTTA
 GCATGGTGTCTGTTGAAAAAGACCCTCCAGGTGGAGGAGCGCTACCCCTACCCAGTCAGACTGGAAGCCAT
 GTATGAGGTTATTGATCAAGGCCCATCCCGAGGATTGAGAAAATCAGGCAGAAGGGTTTTGTCCAAAAG
 TGTAAGGCCTCGGCATAGAGGGCCATGTGGTCCAGGAAGGGAACAATGGCGGTGGTGGAGGAGGAAGCA
 CAGGCCTGGGCAGTGACAAGAGGAAAGAGGACCCAGGAGAACAACAATCCACCCCACTAGAGAGCCTCC
 AAGAAAGCAGACCACCACCAAGGCAGCCACTCTCAACCTCCCCGACTCCAAGGGCCACCACGCTTCTCT
 CCTGCTCCAGTCACAACAGCCACTCGGGCCACATCCCGGTGGTACAGTAGCTGCAAGACCTACAATA
 CCCTGCCTATCCAGCTACTCAGAGCCCTGGACATCTCGCTACATCCCTTCTCAGTCTCCCATAGGCC
 TCCGGCAACAGCTGAGATGACCACCGTACGGGGCCCTCAGTCTCAGAGCAGCTTACCCTCTACCTCGG
 AAGGAGCAACAGAGAGAAAAGCCACAGGCCACCAGGAGGCTAACAAGCCACCAACTATGGAAGCTTCA
 CAGCCACCCCGCTACCACCTCTGGGAGGGCAGCACAAGAGCTGTGGCACAAGCCGTTTCCGGGACAA
 CCGGACAGACAAACGAGAACATGGCCATCAGGACCCAAATGTGGTGCCAGGTCTCACAAGCCATAAAG
 GGGAAAGTGCCTAAAAAGAGGAGAAAATTTCTCAGCAATGAGTATGAAGCTAAGTATGACCTCAGCCGGC
 CCACCACCTCTCAGGGGAGGAGGAGCTGCAGGTGGATAACATTCCTCCAGAATGCCAAGGAGTCAA
 AAAGCATGAAAAGCCGAGAAACCCGAGAAGGAGAAGAAAAAAGGGGAAGAGTGCAAAACCAGACAAG
 TTAAGTACGAGGCGAAAAGCAAATGAAGAAAGCTGAGAAAAGAGCAAGCAGGAGAAGAGAGACTAAGA
 AGAAAAAGGCAGGTAAGACAGAGCAGGAGGACTATCAGAAGCCCACAGCAAAACATCTCGCTCCGAGTCC
 CAGGAAGTCAGTGGCCGACCTGTTGGGGTCTTTGGAAGGCAAACGAAGACTCCTCCTGATCACCCTCCC
 AAGGCCGAGAACAATATGTACGTGCAGCAGCGGGATGAGTATCTGGAGAGCTTCTGCAAGATGGCCACCA
 GGAGGATCTCTGTGGTTACTATCTTTGGTCTGTCAACAACAGCTCCATGAAAATGACCACTTCCAGCT
 AGATAATGAGAAACCCATGCGTGTGGTGGATGACGAGGACTTGGTAGACCAGCATCTCATCAGTGAGCTG
 AGGAAGGAGTATGGAATGACCTACAATGACTTCTTCATGGTGTGACAGATGTGGATCTCAGAGTCAAGC
 AATACTACGAAGTGCCAAATAGCAATGAAGTCCGTGTTGATCTGATCGATACTTTCCAATCCCGAATCAA
 AGATATGGAAAAGCAGAAGAAGGAGGGCATTACCTGCAAGGAGGACAAGAGGCAGTCCCTGGAGAAATTC
 CTATCCAGGTCCGATGGAGGAGCGGTTGCTGGTGTCTCTGCTCCCAATGACGAAGACTGGGCTATT
 CACAGCAGCTCTCCGCCCTCAACGGTCAAGCATGCAATTTTGGCCTGCGACATATAACCATTTTGAAGCT
 TTTGGGCTTGGAGAGGAAGTTGGAGGCATTTTAGAAGTGTCCCAATTAATGGGAGCTCCACTGTTGAG
 CGGAAGATGTGCCAGCCACCTGGTCAAAGACATCCGCAACTATTTTCAAGTGAGCCAGAGTACTTCT
 CCATGCTTCTAGTTGGAAAAGATGGCAATGTTAAATCTTGGTATCCTTCTCCTATGTGGTCTGATGGTCAT
 CGTGTATGACTTAATTGATTCCATGCAACTTCGGAGACAGGAAATGGCCATTGAGCAGTCACTGGGGATG
 CGCTGTCCAGAAGATGAGTATGCGGGATATGGTTACCATAGTTATCACCAGGATACCAGGATGGCTACC
 AGGATGACTACCGTCATCATGAAAGTTACCACCATGGATACCCCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_022543
Insert Size:	2850 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:	<ol style="list-style-type: none">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_022543.2 , NP_071988.2
RefSeq Size:	4114 bp
RefSeq ORF:	2850 bp
Locus ID:	64387
UniProt ID:	Q6QD51
Cytogenetics:	11q21
Gene Summary:	estrogen regulated gene; overexpression correlates with mammary carcinogenesis [RGD, Feb 2006]