

Product datasheet for **RN200700**

Ccdc105 (NM_001025774) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc105 (NM_001025774) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc105
Synonyms:	MGC116191
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200700 representing NM_001025774
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTGTGTTGCTCCCTCCACCGACCGGACCAGGACTCGCGTGTGGAGCTCCAGAATGGCACCAGG
CGGCCAAGGCCACGTCCCGCAAGGCACACCTTCTGACCGATCGCTGTGGGAAGGAGGCAGTGACCATGTG
GCAGCCCAAGGACAGTGTGCTGGACCCAAACGTGGCGCACCACTTGGGCCGTGCCGCTACATGGAACCC
TGGCGCTTTCGAGTGGAGATGCTCAAAGGGGGCGCACCGTGGAAAAGCCACCTCCCGGCGAAGGCGTCA
CGCTATGGAAAGGAAGATGAAACCCCGGCTGGTACGCGCGCCTACCGCTGCCATGCACCGCGACGC
GCGTGCCAGCAAACCGCCGAGGTGGTGCACGCGCACGCGCGGGGGCGCGCCTCACCGCCGCCCGCTG
GGCCGCGCGCAGCACCAGATCAATGGGCAGCTGCGGCTGCTGCTGCGCCAGCGAGAGGCCACTGACC
GGCTCAGCGAGGTGCGCAAGGGCTGCTCATCAATGAGCAAAGCGTCAAGTTGCGGGCTACCGACCCAA
ATGTGAGAAGATCCAGACAAGGCTGACAGCATGCTTGTCTGGGAGAGAGGAACTGAAGTCCATGAAG
AGAAAAATGGAGAAAGACATGGAAGATCGGAGGCCTTGCTCAAGGCTCTGGCCTCTGCAGGGACTC
TGGACTTCTACTGTGAGAAAGGCTGCAAGCTGTGGGACTCATGAACCAGCCGCTGGACAAGTTCTGGA
GCAGGCTGGCCGCACTCGTGGGTAGACATCACCCGACCCCACTCCTCGAACTCAGGGCTTGAACG
CCTCCTCTGACCCCGTGGGCGCATACACCCAGCCTGTGCTAAGGCCTGTTTGAAGCCAAGCGCTTGT
TGATGGAGTCCAAGGACATCTTAGCCGAGCTGGCGAAGACGAGGTGGACATTGAGAATCAACAACAGGA
GATAAGCGATCGTGTATGCAACTCTTGGCACAGAAGATGCGCGAGACCTGGAGTTGAAGGAAAGAAATG
ACCATGACTTTAGGGCTAATGAGGGGACTATCCACCGTGCATGAAATCAATCAAGAAATGTATGTCA
CACGGGGCCTCATCAAGGGTCTTTGTTGAAAAGAGACCTGGAGGCGCGAGAGAACTGAACAGACCTT
GGTTCGCATGTATCAGAGACATGTGGGCACCCAGCTGCCGGAAGCTACTCGCCTTGCCAGGGTACTGAC
CTGCTAACCCGCCACAATTGCAATGGAAGAACTTAAAAGAACTCCGTACAACACACGACAACCTCG
CCTGGAGCCTCAACTGCAAAAAGATAGGACACGATGTGGACTATGATGTGGTGCCTGCGCCTACGCCA
GCTCCACCCGACGTGTCTATGAGCAGGCGAAGCGCCTGATCAACGACTGGGACCCTCGCACACCACCA
CCGTGCAGCCGAACCAATACCTCCTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001025774

Insert Size: 1503 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_001025774.1](#), [NP_001020945.1](#)

RefSeq Size: 1737 bp

RefSeq ORF: 1503 bp

Locus ID: 500800

UniProt ID: [Q4V7B5](#)

Cytogenetics: 7q11