

Product datasheet for **RN206212**

Cdc16 (NM_001024744) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc16 (NM_001024744) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206212 representing NM_001024744
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCTGGAGCCGCTGCGCAAACCGCTCCGGCAGTACCTGGACCAGCAACAGTATCAAAGTGCTCTGT
 TTTGGGAGAGCAAGGTAGCTTCACTCTCTCATGAGGAACCCAGGATGTTTATTGGTTGGCTCAGTGTCT
 TTACCTCACAGCACAGTACCACAGAGCAGCCATGCACTCCGGTACGCAAGCTGGACAACTGTATGAA
 GCTTGCCGATACCTTGCAGCTAGATGCCACTATGCTGCGAAAGAGTACCAGCAGGCTCTAGACATCCTTG
 ATATGGAGGAACCAATTAACAGAAGGCTCTTTGAGAAGTACCTGAAGGATGACAGTGGCTCCAAAGACCC
 TTCCAGTGACTGGGAGATGTCACAGTCTCCATAAAGAGCTCGATTTGTCTTCTGAGGGGGAAAACTAC
 GATGCATTAGATAATCGACCCTGGCTACCTACAGTTACAAAGAGGCTTTGAAGCTCGACGTCTACTGCT
 TTGAAGCATTGATCTTCTGACGTCACACCACATGTTGACAGCACAGGAAGAAAAAGAACTTCTAGACTC
 ACTGCCTTTAGCAAGCTCTGTGCCGAAGAACAAGAATTGCTACGATTTGTATTTGAGAACAATAAAG
 AAGTATAATAAGCCAGTGAGACTGTCAATCCCCAGTCAGTGGACGGCTTGAAGAGAATCTGGATGTGG
 TAGTGTCTTTGGCTGAGAGACACTATTAACTGTGATTTAAGATGTGCTACAAGCTTACGCTCTGCAGT
 GATGAAAAGGACCCCTTCCATGCAAATGTTTACCTGTGCACATAGGAACTCTTGTGGAGTTGAATAAA
 GCAAAATGAACCTTTCTATCTTTCTCACAAATGGTGGATTTATATCCGAGTAATCCTGTGTCTGGTTCCG
 CGGTGGGCTGCTACTACCTCATGGTTGGCCATAAAAACGAGCACGCCAGGAGATACCTCAGCAAAGCTAC
 CACACTGGAGAAGACCTATGGGCCCGCTGGATAGCCTACGGGCACTCCTTCGCTGTGGAGAGCGAGCAT
 GACCAAGCCATGGCTGCTTATTTACAGCCGCACAGCTCATGAAGGGGTGCTACTTGCCAATGCTGTATA
 TTGGGTTAGAATATGGTTTGACCAATAACTCTAACTGGCTGAGCGGTTCTTTGGCCAAGCTCTGAGCAT
 TGCCCCGGAAGACCCGTTTGTATCCATGAGGTTGGAGTGGTTGCCTTTCAGAATGGAGAATGAAAAACA
 GCAGAAAAGTGGTTTCTCGATGCTTTGGAAAAATTAAGCAATTGGGAATGAGGTAACAGTTGACAAAT
 GGGAACTTTATTGAACAACCTGGGCACTGTCTGCAGAAAACCAAGAAGTACGCCGAGGCTCTGGATTA
 CCACAGGCAGGCACTGGTGTGATCCCTCAGAATGCGTCCACATACTCTGCTATAGGCTACATCCACAGT
 CTGATGGGCAACTTCGAAAACGCTGTGGACTATTTCCATACAGCTCTCGGCTTAGGCGAGACGACAGT
 TTTCTGTTACAATGCTTGGTCATTGCATTGAAATGTACATTGGAGATCCGAAGCTTATATCGGAGCAGA
 CATTAAAGACAACTAAAGTCTATGACTTTGACGTGCATACAATGAAAAACTAAAAACATCATTTCG
 CCTCCGTGGGATTTAGGGACTTTGAAGTAGAAAAGCAGAACACAGAGGAAGCCGGGCTTGCACCTCTGG
 AAAACGCCACTAAAACCCGGAGTCCAGACCTTCTTGGAAAGACTTTTGAATGAAATGAACGAAAG
 TGACATGATGCTAGAGACATCTATGTCAGACCACAGCACAT**AG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001024744
- Insert Size:** 1863 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_001024744.1](#), [NP_001019915.1](#)

RefSeq Size: 2258 bp

RefSeq ORF: 1863 bp

Locus ID: 290875

Cytogenetics: 16q12.5