

Product datasheet for **MC202128**

Cdc16 (NM_027276) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc16 (NM_027276) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc16
Synonyms:	2700071J12Rik; 2810431D22Rik; APC6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026606 sequence for NM_027276
 GCCGTGTGGCGCGCGGGGTCTGGTCCGGGCGGTGGTCGGCGGGCTTGGGTCCCTCGACACCCCGGGGGCG
 CGCGGAGGCTCGAGAGGGCGTCCGGTGCCTGCCCTGGCTCGCGGCCATGAACCTGGAGCCGCTGCGCAA
 ACGCGTCCGGCAGTACCTGGACCAGCAACAGTATCAAAGTGTCTGTTTTGGGCAGACAAGGTAGCTTCA
 CTCTCTCATGAGGAGCCCCAGGATGTTTATTGGTTGGCTCAGTGCCTTTACCTCACAGCGCAGTACCACC
 GAGCAGCCCATGCGCTCCGGTCACGCAAGCTGGACAAATTGTATGAAGCTTGCCGATACCTTGACGCTAG
 ATGCCACTATGCTGCAAAAGAGACCAGCAGGCTCTGGACATCCTTGACATGGAGGAGCCAATTAACAGA
 AGGCTCTTTGAGAAATACCTGAAGGATGACAATGGCTCGAGAGACCCCTTCCAGTGACTGGGAGATGTCAC
 AGTCTTCCATAAAGAGCTCGATTGTCTCCTGAGAGGGAAGATCTATGATGCTTTAGATAATCGCACCCCT
 GGCTACCTACAGTTACAAAGAGGCTCTGAAACTGGATGTCTACTGCTTTGAAAGCTTTGACCTTTTGACA
 TCACACCACATGCTGACAGCACAGGAAGAAAAAGAACTTCTGGACTCCCTGCCTTTAACAAGCTCTGTG
 CTGAAGAACAAGAGTTGCTGCGATTTGTATTTGAGAACAATTAAGAAGTATAATAAGCCAGTGAAAC
 GGTCAATCCCGAGTCAGTGGACGGCTTGCAGGAGAATCTGGACGTGGTAGTGTCTTTAGCTGAGAGACAC
 TATTACAAGTGTATTTAAGATGTGCTACAAGCTTACTTCTACAGTGATGGAGAAAGATCCTTTCCATG
 CAAACTGTTTACCTGTGCACATAGGAATCTTGTGGAGCTGAATAAAGCGAATGAACTTTTCTATCTTTC
 TCACAAACTGGTGGATTTATATCCGAGTAATCCTGTGTCTTGGTTTGGCGTGGGATGTTACTATCTCATG
 GTTGGTCATAAAATGAGCATGCCAGAAGATATCTCAGCAAAGCTACCACGTTGGAGAAGACCTACGGTC
 CTGCCTGGATAGCCTACGGGCATTCTTTCGCTGTGGAGAGTGAGCACGACCAAGCAATGGCTGCTTACTT
 CACAGCAGCACAGCTGATGAAGGGGTGCACTTGCCAATGCTATATATTGGATTAGAATATGGTCTGACC
 AATAACTCGAACTGGCTGAGCGGTTCTTTGGCCAAGCTCTGAGCATCGCCCCAGAAGACCCATTTGTCA
 TCCATGAGGTTGGAGTGGTTGCCTTTGAGAATGGAGAATGGAAAACAGCAGAAAAATGGTTTCTCGATGC
 TTTGGAAAAAATAAAGCAATTGGAAATGAGGTACAGTTGACAAATGGGAACCTTTGTTGAACAACCTTG
 GGCATGTCTGCAGAAACTTAAGAAATATGCTGAGGCTTTGGATTACCACAGGCAGGCACTGGTGCTAA
 TCCCTCAGAACGCATCCACCTACTCTGCTATAGGGTACATCCACAGTCTGATGGGCAACTTTGAAAACGC
 TGTGGACTATTTCCACACAGCTCTTGGTCTCAGGCGAGACGACACATTTTCTGTTACAATGCTTGGTCA
 TGCATTGAAATGTACATCGGGGATTTCGGAAGCTTATATCGGAGCAGACATTAAGACAAATTAAGTGCT
 ATGACTTCGATGTGCATACAATGAAAACACTAAAAACATCATTTCGCCTCCATGGGATTTTCAGGGACTT
 TGAAGTAGAAAAGCAGAACACAGAGGAAGCGGGACTTGCACCTCTGCAAACTCCACTAAAGCTCCAGAG
 TCCAGACCTAACTTGAAGAGACTTTTGAATTTGAAATGAACGAAAGTGACATGATGCTAGAGACGTCTA
 TGTCAGACCACAGCACATAGCCACAGCACTGAACCTGACAGAGGTCCAGGGCCACCTCATGTGCCAGA
 GTAGGTCAATGCTCCCTGCAGCCTTGCTACGTCTAAGAATTTCCAGTTCCTGATGTGACTCCAGACT
 ACATCTTACATTTAGGACCAGCAGCCTGACGTAACAGTGGGACAGCAGGCTTGCAACAGATGTTTTTC
 CGATTTTCTGAACCTACAAGTAGTTAGTTACGTGTAGCAGAATAAAGAAGGTCAACTATTAATAAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027276

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:	<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:	BC026606 , AAH26606
RefSeq Size:	2253 bp
RefSeq ORF:	1863 bp
Locus ID:	69957
UniProt ID:	Q8R349
Cytogenetics:	8 A1.1
Gene Summary:	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains (By similarity). [UniProtKB/Swiss-Prot Function]