

Product datasheet for **MC202504**

Ccdc91 (NM_025911) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc91 (NM_025911) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc91
Synonyms:	1700086G08Rik; 1810060J02Rik; AU045683; AW555238; p56
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049073 sequence for NM_025911
 ATGTCCTGGACGCCGGTGGTGTGTGGGCTGCCGAACGTGGGTTCTGGGCCAGCAGTCACCGGGAGGG
 GGGTGGTTGCGTAGCCGGTGTCCCGGAGCCAGTGTCTGAGAGCCGGGTGTGACGCGCAACAGCGCGGGGA
 GCACTGCGGTGGGCGCAGGTGCGGCTTAAAGAATGGATGATGACGACTTTGGTGGCTTTGAGGCTGCAGA
 GACCTTTGATGGTGAGCAAGGAGAAACCAAGCTGTGTCTCTGCTGTCCCCTGGGCCACCTTCTCCATCCA
 GTATCCGGAGTGGCACTCTCACCAGCTTCTCCGGAGCTTATCCTGGACCATGACCACTCATCTCCATCCA
 CTGGCCACCTCCCTCCAGATGCTGTCAATTCCTCAGCAGATGATACGCATGCAGATAGCAGCCTCATGAG
 TCAGACCATCTCCAAGGCTCAGATTCAGCAGTCAGCGCACACACATCTGAACATCCCTCTCTTCCCACTT
 GGTTTAACGGATGAGCCGAGCCATGGAGCACTTGCCTGGAGGATGAGCCTGAAGTCTGGAGTCCACG
 TGTCACCTCTCAGTCCGGCAAAAAATCAAGTCTGGAGACTAAACTCAAAGTCTGAAAGAAGAAAA
 GCAGAGAATTA AAAAGGATGTGGAGTCACTGATGGAGAAACACAGTGTCTGGAGAAAGGCTTCTTGAAG
 GAAAAGGAGCAGGATGCTGTATCCTTTCAAGCCAGATACCGTGAGCTTCAGGAAAAACATAAACAAGAA
 TGGAAAGACATGAGGAAGGCTGGGCACGAGGCGCTGAGCATTATAGTGGATGAGTACAAGGCACTTCTGCA
 GTCTTCAGTTAAGCAGCAGCTAGATGCCATCGAGAAGCAATATGTGTCTGCAATCGAGAAGCAAGCTCAC
 CGGTGTGAGGAGCTCCTGCATGCTCAGCATCAGAGGCTTCTAGACGTGCTGGACACTGAGAAGGAACTGC
 TAAGAGAGAAAAATCCAGGAAGCTTTGACTCAGCAGTCACAGGAGCAGAAGGAATCACTGGAAAAGTGCTT
 CCAGGAGGAAAATGCAGAGGAACAAGAGACACTGGAGTCTGCTGTGAAGCTTGAGAAAGAAGCAATGAAA
 GATGTCATCACTAAAGCAGTGGGAGAAGAAAGGGAAAAATCTGGAGAAAGTTATGCCGAAGAAAGGGAAAC
 TGTGGAAGACAGAAATGCAAGAGATCAGGAGAGGGTGGCAGAGGCCATCCAGGCCGCTGTGCAGGAGCA
 GCAGAGGATGAGTCAGGAAGCTGTCAAGGCCGCAATCGTAGAGGAGCAGAGGAGAAGTGA AAAAGGCCATG
 GAGGAAGCCGTAAGAGAACGAGGGACGAGCTGGTGAATACGTGAGGGAGCAGAGAAGGCTCGATCAAG
 TCACCCGCCAGCGTAGCCTGTCCAGCCTGGAGCTGTTCTCTCTGCGCCAGAAAGCAGCTGAGTGTCTCT
 AATAGCTACAGAGCCTGTTGACATTGAGTAGAGACACAGCAGATCCATCGGTCTGCAAGCCTGCCACTC
 TGAAGCTGTTTTTCTCTGCGCCAGAAAGCAGCGAGTGCTTAATGGCCGTAGAGCCTGGTGGCATTGAA
 TAAAGGGAACGTGATGGGCTGCCTTGCCTGGCCATTGCGTCAGTCACTAGACTTCTAAGTTAGATACTA
 TGACTTAGACAAGTGCTCTTGTCTTGTAAACCTGGAAAGTCTTTTTCAGTTCCAGAATGAGCCACA
 GCAGTTTCTACAGACCCATCAGCGGATCTAACTCTCTGCTATTTTATCATGAGGAGTGTGGAAGAGTGC
 CTATGACCCAAAGTCATGGGAAATCTGTGTGTTATCCAGAGTGTTCAGGTAAGCCTATACAGCTTCTGG
 TAACCTGATGGCACTGTATTTGGTAAAGGATTACCTTGTGACCACCTCAAGGTGATGTGTAGGGAGCAAC
 CACTGTGTAGCCATGCATTTACTTGATTCTAAGTAGAGTGGGCAGACACATTGGCATGGCCATTGTTCTG
 ACTAACCTGACCCTTCCCACACGTGACCTCATATGTTTCCATAGATTTACCAAAGTGAACACTACTA
 GCTGGCCAGGTTTAGAGCAGCTGCTCTGGTGAAGTGAATGTGTGGCCAGGCTTGCTTCTGCCATTC
 TTCAAAGGCTTGAGATCATGTTTCATAATTGAATATCTGGTAAAAATCATAACAGAAATCTACACATCTA
 TTTAATCAAATACCAGACATAAGGGATAAATCGGGACGTTTATAATTCATGAGCAGTGTGCTCCAGCATG
 AAACCATGAGTAGTTTGGACCCACGGGATGTTGTGCTCACGTCCTGCAGTGTCTTCTGCTTCTGGGCTTT
 GTATTTTCTGGGATTTCTCAGTACAATAAAAGGAACTCCAAAAGTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_025911

Insert Size: 1329 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: [BC049073](#), [AAH49073](#)

RefSeq Size: 2446 bp

RefSeq ORF: 1329 bp

Locus ID: 67015

UniProt ID: [Q9D8L5](#)

Cytogenetics: 6 G3

Gene Summary: Involved in the regulation of membrane traffic through the trans-Golgi network (TGN). Functions in close cooperation with the GGAs in the sorting of hydrolases to lysosomes. [UniProtKB/Swiss-Prot Function]