

Product datasheet for **MC203416**

Ccdc3 (NM_028804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc3 (NM_028804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc3
Synonyms:	2310045O21 Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058616
 GCCGAAGAGCTAGCCGTGCACCCAGCTCTCCGGAGCGCGTGCAGGCGAGCCGAGCGCCCCGTCCGCGGTT
 CTCGGGCAGGCGCTGCGGGCTCCCCGGCTCCCCGCGTCCCGGGCACCCGGGCGGGCCATGCGCCCCGGG
 TAGAGCGTAGCCGCCGGCATGCCGCTCCCGTGTCTCGCCGCGCTCTGCCTCGCCGCTCCCCGGCGC
 CCGCGCGCCTGCCAGCTGCCGTGGAGTGGAGACCTTGAGCGAAGGCTGCCGCGCCGAGCTAGCCGA
 GACCATCGTGTATGCCAAGGTGCTGGCGCTGCACCCGAGGTGCCTGGCCTCTACAACCTACCTGCCGTGG
 CAGTACCAAGCTGGAGAGGGAGGGCTCTTCTACTCCGCCGAGGTGGAGATGCTGTGTGACCAGGCGTGGG
 GCAGTATGTTGGAGGTGCCCGCGGCTCCCGGCTCAACCTTACTGGTCTGGGCTACTTCTCTGCCACTC
 CCACACGGTGGTCCAGGACTACTCTTATTTCTTTGTAAAGGATGGATGAGAATTACAATCTCTTGCCA
 CACGGAGTCAATTTCCAAGATGCCATCTTTCCAGACACCCAGGAGAACAGAAGGATGTTTTCCAGCCTTT
 TCCAGTTTGCTAACTGTTCCCAAGGGCAGCAGCTGACGACTTTCTCGAGTGACTGGGAGGTCCAGGAAGA
 CAACAGGCTCATGTGCTCCTCGGTGCAGAAGGCCCTGTTGAGGAAGAGGACCATGTCAAGAAGCTGCAG
 CAGAAGGTGGCCACCCTGGAGAAGCGGAACAGGCAGCTCCGAGAGCGGGTCAAGAAGGTCAAGAGGTCTC
 TGAGGCAGGCACGAAGAAGCCGCCACCTGGAGCTGGTGAACCAAAAACCTCAATGAGAAGCTAGGGGC
 CTCAGTGCTCAGCAGCACATTAACGCTCTGGGCGGGAGCCCGTGCCTGCCCCCTATCTGCATGGGTAG
 CAGGGGCAGGTGGATGCTGGCCTGCCTTGCCTGTGCCGGTACTGAGAACAACCGCAAGCTCTATATAT
 GCATTTACTTCAACATTATAGTAGCTATCCATTTGGCATTGGTGTAGAGTCTAACTGGGTAATTTGCAG
 GTTTTGCTTTCTTTCCATTGGGTCTGGCCTTACTGGCATTGACTTCAGATCCCATGTGCCACATGT
 CCTTTTCTGTCTGGTCCACACAAGAGCCTTAAACCGGAAGGCAATAGTATCTTGAGTCTGGCCCTC
 AGCCTCTAGAGAGTTCCTTCGCTGGGGGAGAACATTCTAGAACCTCGGTATACATGAAGATACACAGG
 ACTCTCTGTTTTCAGAAGGGAGTCGGTGTGAGGCTCAGCAACCAGGTTGGCACACGCATGCGTGTCT
 AAAATGTTCTGGAATGTTCTGCCTTTCTCGTGTTTTAGAAATGGTGTCTACGTGTAATGTGACGGGC
 ACCCACCGTGCCTCAGTCACCATTTCTCCAAAGCTGAAAGATGTTAAGACTTAATGTTTCATTACAG
 GTAAGGGAACCTGGCGAGGAGCTGAGGCAGCTAGTAATTGGTAAAGATAAATTATATCTGTTTTCCAACC
 CCAGCTCCTTGGGGCTGCATGATTCCCTACAGGATGTTTTAATCTAAAGCGTAATTGCTTTTATAGACA
 TACCATATTTCACTCATGTTTCCAACTGGAATTAAGCTCAACCTAACTTTGTGGAGTCTTAACTTT
 GTGTTAGCGCAGCTTGCCATGGCTCCGAGTTAAGGCTACTGACTGCACACACTGAGACTTTCTACTCT
 GCAGAAACAGCTCCCTGCCTGAAGGGTTCAATAAGCTCTATGCTAGGGTCCCAAAGGGCTTTGTCCAGG
 GATTCTAACCCAAGCTTCTATGCAACCTCCAAGCCTTGACCCAACACACACACACACACACACACAC
 ACACACACACACTGCTCAGGTTCTCATAAAAAGTCTACGTGTACCCCATAGAAGTATTTGCATAACAA
 ACTTTTCTTTAATAAGAGTGCTTTCCTATCCTTCCCATGGCCATGTTTGATCATGTCCCATTTGTGT
 TACTAAGAAGTCAATGGAGTGGCTGCTGGTTCATCGCCTAATGGTGGCCCTCCAGATCTAATGCCGTG
 CCACACTGTTCCACCAATAGAAAGAATCCTTCAGCTCTACACCATTGACCACCTAGAACCATTCCAGAC
 ACATGATACTGATAAAAGTGGTCATTACTGTCCACTGCCGCTTTCTGCTTGCAGGAAGTCCAGGCCTC
 TGTGAGAAGTCCCTCCTGTACATGAGTATTGGTAGGGGTGGGATAAGTTTGTGCCCTTGGCTGGTCA
 GGCATGATGGGAAGGAATCTATTCTGGGACCAATCTTCATCCACTCTCCCCACTCAGCCTCTTTAAG
 CAGTGCTATTATAATATGCTACAGAGGTGTGCCTTCTCATTAACTTCCCTGGGAGCATTAAAGTAAAG
 CGCTTTTGTACCTCCCAAGGAATGAATGGCAAGCTTAGGGGTGATGGAGTCAAGGACTCGGAGAAGTGT
 GGAAGCCGAAGATGCTTATGTTCTGCTTTTCCAATAAACATGAGCAGTGCTTCCAATGGCTGTGGAAAA
 AA
 AA

Restriction Sites: Ascl-NotI
ACCN: NM_028804
Insert Size: 822 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:	<u>BC058616</u> , <u>AAH58616</u>
RefSeq Size:	2769 bp
RefSeq ORF:	822 bp
Locus ID:	74186
UniProt ID:	<u>Q9D6Y1</u>
Cytogenetics:	2 A1
Gene Summary:	Negatively regulates TNF-alpha-induced pro-inflammatory response in endothelial cells (ECs) via inhibition of TNF-alpha-induced NF-kappaB activation in ECs (By similarity). Positively regulates lipid accumulation in adipose cells (PubMed:25605713).[UniProtKB/Swiss-Prot Function]