

Product datasheet for **MC203519**

Ccdc57 (NM_027745) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ccdc57 (NM_027745) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ccdc57 |
| Synonyms: | 4933434G05Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF:

```
>BC056480
CTGACTCCAGTCGCTATGGTAACGTGGCCCGCGCTGTAGGTTCTGGGCGGGAGAGTGCTGGCGCTCGGAAT
CCTGGAGACCCGGGTCCCAGCTGGCGCAGCTCTAGGTCGCACGCGGGAGACGAAGCTAATTCGCTGGGA
CCGTCCTGGCACACGCCCATCACCATGCTGCCGCTATGTTTACAGAGCGGAACTGAATGAGCTTTTGGCT
CGAAAGGAGGAGGAATGGCGAGTCTCCAGGCCACCCTGCGCAGCTGCAGGAGGCAGCTCTACAGGCTG
CTCAGAACCCTGGAGGAGACACAGGGGAAGCTGCAACGCCTACAGGAGACTTTGTTTACAACCTTCA
GGTGCTGGAAGACCGGGACCGGGAGCTGGAGCGCTATGATGTTGAGTTCACCCAGGCCCGCCAGCGGGAG
GAGGCCCAACAAGCAGAGGCCAGTGAGCTCAAGATAGAGGTGGCCAAGCTGAAACAAGACCTCACCAGGG
AGGCCAGGCGAGTGGGGAGCTGCAGCATCAGCATCAGCTAATGCTGCAGGAGCATCGCTTGGAGTTGGA
GCGCGTCCACAGTGACAAGAACAGCGAACTGGCCACCAGCGGGAACAGAATGAGCGCTGGAGTGGGAA
CTGGAGCGAAAACCTGAAGGAACCTGATGGTGAACCTTGGCTCTGCAGAGACAGGAGCTGCTGCTGGAGTTG
AATCTAAAATGCAGAGAAGAGAGCATGAGTTCAGCTGAGGGCTGACGACATGAGCAACGTAGTCTGAC
ACATGAGCTCAAGATAAACTACTAAACAAGAGCTGCAAGCTCTGAGAGACGCTGGAGCACGGGCAGCA
GAGAGTCTGCAGAAGGCAGAAGCAGAACACGTGGAATTAGAGAGGAAGCTGCAGGAGCGTCCCGGGAAC
TCCAGGATCTGGAGGCCGTGAAGGACGCTCGGATAAAGGGCTTGGAGAAGAAGCTTTACTCGGCACAGCT
GGCCAAGAAGAAAGCTGAGGAGACTTTTACAGGAGAAACATGAAGAGCTTGACCGTCAAGCCAGGGAGAAA
GACACAGTGTGGCGGCAGTGAAGCGCGCCATGCAGAGGAGCTGCAGACGCTGGACGCCAAGGTGCTGG
AGCTTCAGTTCCTCTGTGAAACCCTGGAGGGACAACCTGCGCAGGGCTGAGTGCACAAGAGCAGAGGACGC
CAAGGAGAAGAACGCCCTTACTGACAAATTTCTGTAAGATGCGGCAGCTCTGAAAGCTGCCTGGGACGCC
CAGATCACGCAGATGTCCAAGGAGACTGTCTCAAAGACTTTTCAAGTTCACACGCTGCAGGAAGAAGAGA
TGAAGCTCAAGGCACAGGTGGCCAGATTCCAACAGGACATAGACAGGTACAAGCAGCAGCTGTCCCTGGC
AGTGGAGAGGGGACAGAGCCTGGAGCGTGAACAGGTACAGCTAGGCTTACTGGCAGCTCGCTGCGAT
GATATTTGAACGAGACCAGATCCAGAAATCGGAGACTTTGATCGAAGGGCTGACCAAGGCCAGGGATCAGG
TCGCTGTAAACTCCAGGAGACAGAGAAGGCACTGCGTCAAGGAGACTCTGCTGAAAGGCTGTGTCACT
GGAGCGAGACCAAGCTATGGAAACCTACGTACACATGGGCTCCTTCTGGACAGGAGGCACAGGTACCT
CCTCAGCAGCATGAAGGAGAAATAAGGGCAGATTCTCCATCTACTGAGATCCAGAGGCTACAGGAACAGA
ATGCAGGTCTGCGGAACGCTGTTTACAGATGAGGAGAGAGATGGAGATGCTGAGCGGTCACTCCCCC
TGCCACGCGAGAAGAGTGTCAAATGCAGACCCTGATCCCAAGGCTGGAGGAGACTCCACCCTCCAGAT
TATGTTCTGACCCTTGAAGCAGAAATGCAAAATCTAAAGCATAAACTTAAGGCATTGGAGGAACAACCTAC
AAAGCACAGAAGGCCAGTGAAGACGTCCTGGCCACTGCTGATCCACACCATGGTGTCCACAGCTCTGC
AGCAGCAGCTGACGCAGCTCTGGCAGACCAGACATCCACTGCATTAGCACTCAGAAAACCTGGAGACAGA
GTGCACCTCTTGAACCTGCTGGTACACAGCTCAAAGGAAGCTGCGGCAGAAGCCCGGGAGCTGGTCC
CTGTCCAACACGAGGTCCCCAGTGGAGTGGACAGGTGCACCTGGAGGTTTTGGAGCTGCAGAAGCAGGT
GGCTGAGTTAAGGAAGCATCTCAAGGTGACACCCAGGGAGAGCCTTCCATCCAGGGAGCAGTTACAGAGA
CAGGGTGTGGCAGACCGGTACCCCATGGGCATGGAAGACCAGACGGAGTCCCCTACTTTCCCCCAGGAAG
GGGCACAGCCTCCACAGACCATATATGTACCCATCTGCAAGGAAATTAAGGATGCAGCTAGGAAAAT
ACTCAGCCTCCGCTAGAGAGGGAACAGCTCCTAGAAATGGGAAATAGACTCCGAGCTGAGCAAGGCCAC
GCAAAAAGGAAACCAACTCCTTGCCAGGTCTCCACCTCTGAACCCAGGACCCCAAGGAGGTGCCTG
AGAGACTTTGGACCGTGGCCACCTTTGGGACAATTGCAGCCCTACTCAACAACCTCAGGACCCCAAGGCA
ACCAAGAGAAGATGTGCTTCTGAGTATGCAGGGAAGAGTCAACCCCACTCAGCACAAGTGGGCAGCAAA
ACCAACACCCACGAGGCCACAAGGCAGAAATGGCGTCAAGGCCTGCTCAGCTCTCACAGAAGCAGCACA
GAATCCCCACAGAGACTTGAAGCCAGTTTATCAGAAAAGAAAACAGGACCCCAAAGCTACCACAGGCTCA
TGAAGTCCCTGAAGAAAGTGACCACCGTACCCACAGATCGTCTTATTGGCCAGCAGTTCCTCCAGAC
ATCTGGAGGCTGCTAGAGCTGGGATCCAGCCCTTGGGCGTCCCCTCACAGGATAACTCTGTTGCAGAGT
GTCCAGCACCTTCAAGACCCAGCTGTTTCCAAAAGGTCAACCGGAGCCCTGTCCCATACAAAAGGCCCTT
TGCTGTCAAAGGGCTAAAGATGGAAGCTCAGCCAAAAGCCACACCCCCAGACCCAGCAAGTCTCACCCA
GCTAAACCTACAAACTGCCAGCAGCAGCGCCCTCTAGGATCCGCAACTACAACCTCAAGGACTAAGTCT
CAGCCTCTGCAGGAGACTGCACAGGGGCTCCACCTTGTACGTGGGCGCTGTGGTTATACAAGTTGGGAG
TGAGAATACACATGGTATACAGGTGGGTTGTGAGCACAGGACAGCATCCCAAATGATGGCCTTTCTGATG
CTAAAGAGCAATTAAGCCTCCTCCATCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA
```

Restriction Sites:

Ascl-NotI

| | |
|-------------------------------|---|
| ACCN: | NM_027745 |
| Insert Size: | 3051 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: | BC056480 , AAH56480 |
| RefSeq Size: | 3437 bp |
| RefSeq ORF: | 3051 bp |
| Locus ID: | 71276 |
| UniProt ID: | Q6PHN1 |
| Cytogenetics: | 11 E2 |
| Gene Summary: | Pleiotropic regulator of centriole duplication, mitosis, and ciliogenesis (PubMed:32402286). Critical interface between centrosome and microtubule-mediated cellular processes. Centriole duplication protein required for recruitment of CEP63, CEP152, and PLK4 to the centrosome. Independent of its centrosomal targeting, localizes to and interacts with microtubules and regulates microtubule nucleation, stability, and mitotic progression (By similarity).[UniProtKB/Swiss-Prot Function] |