

## Product datasheet for **MC220199**

### **Ccdc114 (NM\_001033243) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc114 (NM_001033243) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220199 representing NM\_001033243  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGGAGTTGGAAGCGGGCATAACAGCAAGGAAGTTCATCAGCGCCTCAGGAAGCAAGTCGAGGAGA  
 TTCGGCAGCTGGAGATGCTTCGAGCCAAGCTCCAGACGCAGATTAACGTAGCGCAGAGCCAGGTCAAGCG  
 ACTGGGAGACAAGAAGCATTGGCGGAAATGGAATGTCTTCTCAAGTCTCGGGCCAGGTGCAGGTGGAA  
 ATCGAGGCGCTGCAAGAGCAGAACCAGGCTGGACAAGCAGATCCAGGACTGGGAGACCCATGTCTCA  
 CGCAGAGTAAGGAGGCTCGGCTCCCGATCTCATGTACCAGAAGATGAAAAATCCAGAGAAGGATCAG  
 GATCCTTGAAGACCAGCTGGACAGGGTCACTGTATTTGACATCCATCTGGTGAGGAATGCAGCCCTG  
 CGGGAGGAGCTGGAGCTGCTGCGCATCGAGAGGGCCGCTACCTGAATATGGACCGCAAGCTGAAGAAGG  
 AGATCCACCTACTCCGGGAGATGGTTGGAGCTCTCAGCACATCCTCTACTTCTGTTATACTGCCAGGGA  
 AGAGGCCAAGACCAAGATGGGCATGCTTCAGGAGCGCGCAGAGAAGGAGCTGGCTCAGAGTGATACGGAG  
 GCACAGATCTTGCTGCGACAGATATCGCATCTGGAGCAGCTGCATCGATTCCCTTAAGCTCAAGAACGATG  
 AACGACAACCCGGATCCCCGTGTGGTGCAAAAGGCAGAACAGCGAGACTGGAAAGTGTGAGAGGACTCCG  
 AAAGACCTCCCAAGAGAAGCTAGTGTGCTGCTTATGAGGACACTCTGGGCAAACTGGCCAGCTGACCGGC  
 GAGAGCGACCCCTGACCTTTTGGTGGAGAAATACCTGGAGTTGGAGGAACGCAACTTTGCTGAGTTAACT  
 TCATCAATGAGCAGAAGCTCCGAGATACACCACCTTCAGGAGGAGATCAAAGAGATGCAGGAAGCCTTAGT  
 CAGTGAGCATGCCAGTCAGGATAAACAGCGCATGCAGCAAGAGCAGCAGTCAAAATGTTGCAGCAGGAT  
 GTGGACAAGATGTGTTCTGAGTCAGAGCAGCTGGAGGGTCGTTCCAGGTGCTCCGAGGTCAGCTGGAAA  
 AAATCAAGACTGATATCCAGGTGCTCTTCGACAAGGCTAAGTGTGACAGCAGTGCATCAAGGATCTCCT  
 TGGGGTCAAGACCTACATGCGGGACAGGGACATAGGCCTCTTCCCTGAGTACCATTGAGAGGCGGCTGGTG  
 CAGCTCCTCACTGTGCAGGCCTTCTCCAGGTCCAGAACCCTTGGCCCTTTGGCTGATGCTGCACTCTAG  
 CACTGGGCCAGAGCCTACAGGAACCCTCCAAGAAGACGACTCCACTCAAGCCTCCTGATACCATGGAGGA  
 CTCCTCAGGGGCTGTAATCAAAGAGGATTACCCTATGAGCAAGGAGGAGTTGCTAAGCCAAGTCATGAAG  
 TCGCTGCAGCTCCAGGACGAGGAGGAGTCCGCCAAGAAGCTGGACAGCAGCCGAGCTTGACTCTCTCCA  
 GTCCACAGATCTCCCTGGTCACTGTCCCAAGCATTCCAAGAAGACCAGTGTAGTCCCCGAATCCATCCT  
 GAGCCACAAGACGAACCGAGGCCGTGGCACTGGCTCCGTGAGCCATGTCACCTTTGGTGACTCTGCCTCT  
 GCTGCAGGCCCTGTGGCCATGGCTTCTGCCAGTGCCAGTGAGCACCTGTGTCCAGTCGGAGCTCCCAGG  
 GGGGCCGTGGGGCTTCAAACCCACGAGCTCCAGCAGCTACCTGGGGTCTACAGGCTACCTAGAGACCAG  
 CAGAGGCCGCGAGAGCACAGCAGGCGGCTTACAGCCAGAGCATGGGATCTGAGTTGAGTAGAGGCCCTC  
 AGTTCCAGCAGTGGCCATGCATCCAGTCTGCCCTCCCTCCAGGCCAGCTCCTCTACTAGCAAGGACT  
 CCAGGGGCTACA**ACTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001033243

**Insert Size:** 1977 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\\_001033243.2](#), [NP\\_001028415.1](#)

**RefSeq Size:** 2453 bp

**RefSeq ORF:** 1977 bp

**Locus ID:** 211535

**UniProt ID:** [Q3UX62](#)

**Cytogenetics:** 7 B3

**Gene Summary:** Probable component of the outer dynein arm complex required along the entire axoneme for tethering of outer dynein arms.[UniProtKB/Swiss-Prot Function]