

## Product datasheet for **RN210776**

### **Ccdc114 (NM\_001126277) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc114 (NM_001126277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc114
Synonyms:	RGD1308141
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN210776 representing NM\_001126277  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCGTTTGGGTCTGTCCTCCAGGAGCGCCCGCTCCGAAGAAGGAAGCGAGATCTTCTGGAGGGACCAG  
 TGGATGGAGAAGCTCAGCCGCCTGCACCGACAACGCAAGGTGATGGAGTTGGAAAGCGGGCATAACAGCAG  
 GGAAGTTCACCAGCGCATCAGGAAGCAAGTCGAGGAGATTCGGCAGCTGGAGATGCTTCGAGCCAAGCTC  
 CAGATGCAGATTAACGTAGCGCAGACCCAGGTCAAGCGACTGGGAGACAAGAAGCGTTTGGCGGACATGG  
 ACCATCTTCTCAAGTGCCGGGCCAGGTGCAGATCGAAATCGAGGCGTTGCAAGAGCAGAACCGGGCCCT  
 GGAAAAACAGATCCAGGACTGGGAGACCCATATCCTCACGCAGAGTAAGGATATCTCAACTCCTGATGTC  
 ATCTTGGATCAGAAGATGAAGATCCAGAGAAGGATCAGGATCCTAGAGGACCAGTTGGACAGGGTCACT  
 GTCACCTTGGATCCATCTGGTGAAGATGCAGCCCTGCGGGAAGAGCTGGAGTTGCTGCGCATCGAGAG  
 GGGCCGCTACCTGAATATGGACCGCAAGCTGAAGAAGGAGATCCACCTACTTCAGGAGATGGTTGGAGCT  
 CTAGCAGATCCTCTACTTCTGCTTATACTGCCAGGGAAGAGGCCAAGACCAAGATGGGCATGCTGCAGG  
 AGCGTGCAGAGAAGGAGCTGGCTCAGAGTGACACAGAGGCACAGATCCTACTGCGACAGATATCGCATCT  
 GGAGCAGCTGCACCGATTCTCAAGCTCAAAGAACCATGACCGACAGCCGGATCCCGGTGTGGTGC AAAAG  
 GAGGAACAGCGAGCATGGGAGACCTCAGAAGGACTCAGAAAGACTTCCAAGAGAAGCTAGTGCTGCGTT  
 ACGAGGATACTCTGAACAACTGGCCAGCTGACCGGCGAGAGCGACCCGGACCTTTTGGTGGAGAAATA  
 CCTGGAGTTGGAGAACGCAACTTTGCTGAGTTAACTTCATCAATGAGCAGAAGCTCGGAACTATACCAT  
 CTTCAGGAGGAGATTAAGAGATGCAGGAAGCCTTAGTCAGCGAGCATGCCAGTCAGGATAAGCAGAGCC  
 TGGAGCGAGAGCAGCAGTGCAAAGTGTTCAGCAGGATGTGAAAAAGTGTGCTCTGAGTCGGAGCGGCT  
 GGAGGCTCGCTTCCAGGTTCTCGAGTTACGCTGGAAAAAGATCAAGACTGATATCCAGGTTCTCTTCGAC  
 AAGGCTCAGTGTGACAACAGTGTATCAAGGATCTCCTTGGGGTCAAGACCTACATGCGGGATAGGGACA  
 TAGGTCTCTTCTGAGTACCATTGAGAAGCGGCTGGTGCAGCTTCTCACGGTGCAGGCCCTCCTTGAGGT  
 CCAGAACAATGTCCCTTTGGCTGATGCTGCGCTTCTGGCACTGGTGCAGCATAACAGGAACCCCAAG  
 AAGACTACCCCACTCAAGCCTCTGACACCATGGAGGACTCCTCAGGGGTTGTAATCAAAGACGATTACC  
 CTATGAGCAAGGAGGAAGTGTGAGTCAAGTCATGAAGTTGGTGCAGCTCCAGGATGAGGAGGGTCTCC  
 AAAGAAGCGGGACAGCAGCCCAAGTTGACTCTTCCAGCCACGCATCTCCTTAGCAGCTGCCTCTGTG  
 CACGCTAGAAAGCCAGCGTAGTCCCTGAGTCTATCCTGAGCCACAAGACAGGCCGAGGCGGTGGCACTG  
 GCTCCAT AAGCCATGTCACCTTTGGTACTCTGCTTCTGCTCCAGGCCCTGTGACCTTGGCTTCCACCAG  
 TGCCAGTGGACTACCTGTGTCCGGCCGGGGCTCTCAGGGGGGGCGTGGGGCCTTCAAACACACTAGCTCC  
 AGCAGTACCTGGGGTCTACTGGGTATCTAGAGACCAGCAGAGGCCGCGAGAGCGGGACAGGAGGCGGTC  
 ACAGCCAAAGCATGGGATCCGAGATGAGTAGAGGCTTCAGCTCCGGCAGTGGCCAGACATCCAGTGTGTC  
 CCCCGCTCCAGGCCAGCTCTGCTACCAGCAAGGACTCGAGGGGCTATAACT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001126277
- Insert Size:** 2085 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\\_001126277.2](#), [NP\\_001119749.1](#)

**RefSeq Size:** 2618 bp

**RefSeq ORF:** 2085 bp

**Locus ID:** 308594

**UniProt ID:** [B1H228](#)

**Cytogenetics:** 1q22

**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]