

## Product datasheet for **MC203076**

### **Dirc2 (NM\_153550) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dirc2 (NM_153550) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dirc2
Synonyms:	RCC4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037460  
 CCACGCGTCCGGCTCCACCCGCCAGTCAGCTCCCGGCTGGTCTGCGGCCACCGGGACGCGTCGGGCAGG  
 GCCGGCGGGCGCGCTCGCCATGGGCTCGGGTTGGAGCAGCGAGGAGGAGGAGCGGCAGCCGCTGCTGGG  
 CCGGGCTCGGGCTGCGCCGGGGCTGCGCGCAGGGGCCGGGAGGCGACGGCCGTGCTGCCTGCGGCGG  
 GCCCGAACCCGGGAGGGTGTACGGGCGCCGCTGGCTGGTGTCTGCTCTTCTCGCTCCTCGGTTTCG  
 CCAGGGCTGGTCTGGAACACCTGGGGCCCCATCAGAAGTCCGCGCGCCAGGCCATGGCTTCTCCGGA  
 TGGGACATCGCGCTCCTGGTCTCTGGGGCCCCATAGGCTTCTCGCCTGCTTCCGCTTTCATGTGGCTGC  
 TGGACAAGAGAGGTCTGCGGGTCACTGTCTTCTGACGTATTTCTTATGGTTTTGGGAAGTGGTCTACG  
 ATGCATACCTGTATCGGACTTAGCCCTTAAGAAAAGGCTAATCCATGGGGACAGATACTGAACGGACTG  
 GCAGGTCCGACTGTCATGAATGCGGCGCCATTCTCTCTACGACGTGGTTCTCTGCTGACGAGCGAGCCA  
 CTGCCACAGCAATCGCATCAATGCTGAGTTACCTCGGTGGAGCGTGTGCGTTTTCTCGTGGGCCCTGGT  
 TGTTCCAGCTCCCAACGGGACGGCACCCCTTCTCGCTGCGGAGAGTAGCAGGGCTCATATTAAGACCGA  
 ATCGAGACCGTGTGTATGCAGAAATTTGGAGTTGTCTGCCTAATATTCTGCCACGCTAGCTTATTTTC  
 CGCCCCGGCCTCCTTCTCCAGTGTGCTGCTGCGAGCCAGCGGCTGAGTTACAGGCGGAGCTTTTG  
 TAGGTTACTAAGCAATTTGAGGTTTTGATGATTGCTTTAGCATACGCAATACCCTTGGTGTGTTTGT  
 GGTGGTCTGGAGTTCTGGACTTAATTTAACACCAAGTGCATGTGAGTCAAGTAGACGCTGGCTGGATTG  
 GATTCTGGTCCATAGTTGGAGGCTGTGTTGTTGGGATAGCTATGGCAAGGTTTGGGATTTTATCCGGGG  
 CATGCTGAAACTGATCCTGCTCCTCTGTTTTCTGGGGTACCCTGTCGTCACGTTGGTTACCCTGACC  
 TGCCATAACAGCATCACCCACTTGCCCTTGACAACAGTGACATTGTATGCCTCCTGCATCCTCCTGGGAG  
 TGTTCTGAACAGCAGCGTCCCCATATTCTTTGAGCTTTTTGTGGAAACGGTCTACCCCGTTCCAGAAGG  
 GATCACCTGTGGAGTTGTACCTTTTTAAGTAATATGTTTCATGGGAGTGCTTTTATTTTTGTACATTT  
 TATCATAACAGAGTTGTCTTGGTTCAACTGGTGCCTTCTGGGTCGTGTCTGCTCAGTCCCTTCTGATTC  
 TGTGCTTCAGGGAATCCTATGACAGACTTACCTTGACGTGGTGTCTCGGTTTAAAGAAGACAGACTTGT  
 AGGACTTTAAAGGACCGTACTTTAGTAGTGACCTTTGCTTGGGTGCACATGCAATGGGAGAAAAGGCG  
 AAGAAAGAGATTTCTTTAGAGGTTCTGTTAAGTTACAGAGTCTCACATTAATTTAATGACTACTAGGTA  
 ATAATAGTGCAGGACGTGAGTGTGCGTGGAGATGTGAAACTCTGTGGACAGCACAGCTGTGTTGGCGGCA  
 CTCTTGTGTGGAGCTGTGACAGCTCACACAGGACGCACTGCCGAGTTGGTACCCCATGTGCACTGTA  
 CCCGTGCTGACCCACTGATGAGCTGAACTACGGCAAGAAGCATGGGTGGTCTATGAAGATGACCCCTCC  
 CAGGCACACAGCAGAGGGATGGGACTCACGCCGTAACCTTCTGAAGACATCAGAACCCTGCGTCAGACTT  
 TAATTACAAAATAGCAGAGCTGTATACCAGTGATAGAAGTTAGTCTGTGTACACTACATGTTTTCTAA  
 TAAAGCCATTTCTATATGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_153550
- Insert Size:** 1437 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:** [BC037460](#), [AAH37460](#)

**RefSeq Size:** 2073 bp

**RefSeq ORF:** 1437 bp

**Locus ID:** 224132

**UniProt ID:** [Q8BFQ6](#)

**Cytogenetics:** 16 B3

**Gene Summary:** Electrogenic metabolite transporter.[UniProtKB/Swiss-Prot Function]