

Product datasheet for **MC203826**

Dr1 (NM_026106) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dr1 (NM_026106) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dr1
Synonyms:	1700121L09Rik; Dr1l; NC2; NC2beta
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013461
 CGCAGGGTGGTTCTCCAGCCCTGGGAGTGGTGTCCCTAGAACCCCTCAGCCCCCTGACCTTTCCTTCATAT
 TCCCACTAAAACTCTCACACAGTGGGTGTTCCCTGCCCTCCAGCCCTCCTTCTGGTTTCTGCACTCTC
 TTCTCTGAGCTTCCCGGACCCCAACATCCCTCTCCAGGGACAGCCTGTTGAGAAATCTTCGTGGAGTGGT
 GGACCAGAGGCGAGGAGTTTAAAAGTTGGGGCTTGAAAGACAGGAAGATACGATGGCTTCCCTCGTCTGGC
 AACGACGATGATCTCACTATCCCAGAGCTGCTATAAATAAGATGATCAAAGAGACTCTTCTAATGTCC
 GGGTGGCCAACGATGCCGAGAGCTGGTAGACTGCTGCACGGAATTCATTCACCTTATATCTTCTGA
 AGCCAACGAGATTTGTAACAAGTCAGAAAAGAAGACAATTTACCAGAGCATGTTATACAAGCACTGGAA
 AGTTTGGGCTTTGGCTCTTACATCAGTGAAGTAAAAGAAGTCTTACAAGAATGCAAGACAGTAGCATTAA
 AAAGAAGAAAGGCCAGTTCTCGTTTGGAAAACCTCGGCATTCTGAAGAGGAATTATTGAGACAGCAACA
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 GCAGCTCAACAAGCCAGCTGGCTGCAGCCTCAGCCAGCGCTCCACTCAAGCAGGATCTCACAAGACG
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 AGAAAACCTCAGGTTTATAAAATACAGTGAATTTATAGAGATCTCTTAATCTGTATTTGTATTTGTCT
 GCCCTTTGAACTGAACTAAAATTGAGAAATTTATATAGCGATGGGGCATGATGTGATGCAGAATACATTGA
 ATCAGGTTGGTGA AAAAGTTTCAGTTCTATATAGTATCTAAATTTTTTGTCTTTAAGGTGAGTATATATG
 CAGGCAACAATTATATATGCTCAGATAAATACTTGTTTAGAGGAAATCTCAAATAAGACATTCATAA
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 CTGGCAATCTTGAAGATTGTCACAATTTACTGTTTCACTCCAGTTCAGTAATTTGTTTCATAGTCTTAG
 TTGTTTCCATTTTTTGTAGTGTATAGTGGGACTTGTGAGACAGTTGCTTGGGTTCTGTTAGTTTAAAC
 TGAGGTTGCTGGATTTCAAACCTTTGCTAGGGGAAATAAACGAAAGCTAATGAACATGTTTGTATGAA
 AAAGGGCTTTAAATTTTTATTTAACATGTAGTGTACTTATTGTTTGGTTTTAGTGTAGCATTTACATTTT
 CTCGACTAGTGGCCTAAAGAATCCAATGCTAACTTTTGATAATAACATCATTGTCCCCGCATCATAAT
 TTAGTAGTAGCTTTAAAAGTTTTGTGTTTGTCTAAAAGTGTCAAACTGCAGCCCTATATGAAGTGTTA
 ACTTGCTTGTTAAAAGGAAGCAGCTTTAATTTGGTTCAGTGCATAAAGTGTGGTAGTGTGTGAGAGG
 GATCCAGTGTATTTGGTAAATGGCATATTACTTATATTTTGGAAACAAAAAATGCCACCTAAGATAAT
 AATATAAGTCATTAAGTTCCTATGTCAGTTGCCAAGCCATTTAAATTTCTGTATTCACCAAGCCCCAGAA
 GAGATTCTAGCTGCTAGGATTTGAATTTTGAAGCTAAGAAATGTTTATAAGTATTAGATTTCTTAAAT
 TCATATTTTTGAGTTTTAGAAGGAAATTTATATGCATATTGTTATGCATTTATCAGATATTCTTCCCCC
 ATATAACAAAAGGGTAGTAATTTTGTGAATGTTTTATGTTGAAGTTATTTCAAGGTATTTTCATGGATA
 TGCCCATGACATATTTGGAAAAAATAGAAGGAATTGATTTTTTCAAAAAGGTTAAGTACCAAAGGTAGGT
 AGTTTAGTCTACAGAAATAAGTTAGTCACTTTTGGCTTTTCTAATTTGACTGTAACATTTCTTTATTTT
 GTTTTAAATATATGTTTCTCAAGTAAACAATTTAGGTAATTTTCCATACCTTTTCTTTCTGATGCAGAC
 TTCAGGTTAATTAATATTTTACTGCATCTGATGATGATTATATGTTTGAAGCCTAGTGACTTTTAAATTT
 TGATGTTCTGTGATTTTCATATGTTGTATTCTTCAAGCAATAAAATTTCTGATGTGTTTTATAAAAAAAA AAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_026106
- Insert Size:** 531 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: [BC013461](#), [AAH13461](#)

RefSeq Size: 2666 bp

RefSeq ORF: 531 bp

Locus ID: 13486

UniProt ID: [Q91WV0](#)

Cytogenetics: 5 52.82 cM

Gene Summary: The association of the DR1/DRAP1 heterodimer with TBP results in a functional repression of both activated and basal transcription of class II genes. This interaction precludes the formation of a transcription-competent complex by inhibiting the association of TFIIA and/or TFIIIB with TBP. Can bind to DNA on its own. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (By similarity).[UniProtKB/Swiss-Prot Function]