

## Product datasheet for **MC215779**

### **Drd2 (NM\_010077) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Drd2 (NM_010077) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Drd2
Synonyms:	D2R; Drd-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215779 representing NM\_010077

Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGATCCACTGAACCTGTCCTGGTACGATGATGATCTGGAGAGGCAGAAGCTGGAGCCGGCCCTTCAATG  
GGTCCGAAGGGAAGCCAGACAGGCCCACTACAACACTACTATGCCATGCTGCTCACCTCCTCATCTTTAT  
CATCGTCTTTGGCAATGTGCTGGTGTGCATGGCTGTATCCAGAGAGAAGGCTTTGCAGACCACCACCAAC  
TACCTGATAGTCAGCCTCGTGTGGCCGATCTTCTGGTGGCCACACTGGTTATGCCCTGGGTCTGTATC  
TGGAGGTGGTGGGTGAGTGGAAATTCAGCAGGATTCAGTGTGACATCTTTGTCACTCTGGATGTCATGAT  
GTGCACAGCAAGCATCTGAACCTGTGTCCATCAGCATCGACAGGTACACAGCTGTGGCCATGCCTATG  
TTGTATAACACACGCTACAGCTCCAAGCGCCGAGTTACTGTGTCATGATCGCCATTGTCTGGGTCTGTCT  
TCACCATCTCTTCCCCTGCTCTTTGGACTCAACAACACAGACCAGAATGAGTGTATCATTGCCAACCC  
TGCCTTCGTGGTCTACTCCTCCATCGTCTCGTTCTACGTGCCCTTCATCGTCACCCTGCTGGTCTATATC  
AAAATCTACATCGTTCTCCGCAAGCGTCCGAAGCGGGTCAACACCAAGCGTAGCAGCCGAGCTTTCAGAG  
CCAACCTGAAGACACCACTCAAGGGCAACTGTACCCACCCTGAGGACATGAAACTCTGCACCGTTATCAT  
GAAGTCTAATGGGAGTTTCCCAGTGAACAGGCGGAGAATGGATGCTGCCCGGAGCTCAGGAGCTGGAA  
ATGGAGATGCTGTCAAGCACCAGCCCCAGAGAGGACCCGGTATAGCCCATCCCTCCCAGTCAACCACC  
AGCTCACTCTCCCGATCCATCCCACCAGGTCTACATAGCAACCCTGACAGTCTGCCAAACAGAAAA  
GAATGGGCATGCCAAGATTGTCAATCCCAGGATTGCCAAGTTCTTTGAGATCCAGACCATGCCAATGGC  
AAAACCCGGACCTCCCTTAAGACGATGAGCCGCAGGAAGCTCTCCAGCAGAAGGAGAAGAAAGCCACTC  
AGATGCTTGCCATTGTTCTTGGTGTGTTTCATCATCTGCTGGCTGCCCTTCTTCATCACGCACATCCTGAA  
TATACACTGTGACTGCAACATCCCACCAGTCTCTACAGCGCCTTCACATGGCTGGGCTATGTCAACAGT  
GCCGTGAACCCCATCATCTATACCACCTTCAACATTGAGTTCCGCAAGGCCTTCATGAAGATCCTGCACT  
GCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_010077

Insert Size: 1335 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: [BC105665](#), [AAI05666](#)  
RefSeq Size: 1549 bp  
RefSeq ORF: 1335 bp  
Locus ID: 13489  
UniProt ID: [P61168](#)  
Cytogenetics: 9 26.72 cM  
Gene Summary: Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase.  
[UniProtKB/Swiss-Prot Function]