

## Product datasheet for **MC215929**

### **Drd3 (NM\_007877) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Drd3 (NM_007877) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Drd3
Synonyms:	D3R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC215929 representing NM\_007877  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACCTCTGAGCCAGATAAGCAGCCACATCAACTCCACCTGTGGGGCAGAAAACCTCACTGGTGTCA  
 ACCGGGCCCGTCCACATGCCTACTACGCCCTGTCTACTGTGCACTCATCCTGGCCATCATCTTTGGCAA  
 CGGTCTGGTATGTGCAGCTGTGCTGAGGGAGCGAGCCCTACAGACCACCACCAACTACCTAGTGGTGA  
 CTGGCTGTGGCAGACCTGCTGGTGGCCACTTTGGTGATGCCGTGGGTGGTGTACTTGAGGTTGACAGGTG  
 GAGTCTGGAATTTAGCCGCATTTGCTGTGATGTTTTTGTACCCTGGATGTCATGATGTGTACAGCCAG  
 CATCCTGAACCTCTGTGCCATCAGCATAGACAGGTACACAGCAGTGGTCATGCCAGTTCACTATCAGCAT  
 GGCACCGGGCAGAGCTCCTGTGACGTGTGGCGCTCATGATTACGGCTGTGTGGGTGCTGGCCTTTGCTG  
 TGCTCTGCCCTCCTCTTTGGTTTCAACACAACAGGGGATCCCAGCATCTGCTCCATCTCCAACCTGA  
 TTTTGTCAATTTACTCTTCGGTGGTGTCTTCTATGTTCCCTTTGGGGTACTGTCTCTGGTCTATGCCAGG  
 ATCTACATGGTCCCTGAGGCAAAGGCGAAGAAAACGGATCCTCACTCGACAGAACAGCCAGTGTATCAGCA  
 TCAGACCTGGCTTCCCTCAGCAGTCTTCTGTCTGCGGCTGCATCCCATTCCGGCAGTTTTCAATAAGGGC  
 CAGGTTTTCTGTCAGATGCCACGGGACAAATGGAGCACATAGAAGACAAACCATATCCCCAGAAATGCCAG  
 GACCCTCTTGTGACATCTACAGCCCTCTCTCTGGCCAGACACATGGAGAGCTGAAACGCTACTACA  
 GCATCTGCCAAGACACTGCCTTGAGGCATCCAACTTCGAAGGAGGGGGAGGGATGAGCCAAGTGGAGAG  
 GACTCGGAACTCCTTAAGCCCCACCATGGCACCAAGCTCAGCTTAGAGGTTGAAAACCTCAGCAATGGC  
 CCCAGATGGTGGTCATTGTGCTCGGGGCCCTTATTGTCTGTTGGCTGCCCTTCTTCTTACTCACGTTCT  
 TAATACCACTGTGAGGCATGCCACGTGTCCCCAGAGCTTTACAGAGCCACGACATGGCTTGGCTACGTTG  
 AACAGTGGCCTGAACCTGTGATCTACACCACCTCAACATAGAGTTCGCAAGCCTTCTCAAGATTC  
 TATCCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_007877

**Insert Size:** 1341 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:	<u>NM_007877.2, NP_031903.1</u>
RefSeq Size:	1455 bp
RefSeq ORF:	1341 bp
Locus ID:	13490
UniProt ID:	<u>P30728</u>
Cytogenetics:	16 28.44 cM
Gene Summary:	Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]