

Product datasheet for **MC227745**

Drd1 (NM_001291801) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drd1 (NM_001291801) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Drd1
Synonyms:	C030036C15Rik; Drd-1; Drd1a; Gpcr15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC227745 representing NM_001291801
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCCTAACACTTCTACCATGGATGAGACTGGCCTGCCAGTGGAGAGGGACTTCTCCTTTCGCATCC
 TCACAGCCTGTTTTCTGTCCCTGCTTATCCTGTCCACTCTTAGGGAATACCCTTGTCTGTGCCGCTGT
 CATCAGGTTTCGACACCTGCGGTCCAAGGTGACCAACTCTTTGTTCATCTCTTAGCTGTGTGATCTC
 TTGGTGGCTGTCTTGGTCATGCCCTGGAAAGCTGTGGCTGAGATTGCTGGCTTTTGGCCCTTTGGGTCT
 TTTGTAACATTTGGGTAGCCTTTGACATCATGTGCTCCACGGCATCCATCCTAACCTCTGTGTGATCAG
 CGTGGACAGGTATTGGGCTATCTCCAGCCCTTCCAGTATGAGAGGAAGATGACTCCGAAGGCAGCCTTC
 ATCCTGATTAGCGTAGCATGGACTTTGTCTGTTCTCATATCCTTCATTCCAGTGCAGCTAAGCTGGCACA
 AGGCAAACTACATGGCCCTTGGATGGCAATTTACTTCCCTGGAAGATGCCGAGGATGACAACTGTGA
 CACGAGTTGAGCAGGACATACGCCATTTTCATCCTCCCTCATAAGCTTTTACATCCCGTAGCCATTATG
 ATCGTCACTTACACAGTATCTACAGGATTGCCAGAAGCAAATCCGGCGCATCTCAGCTTTGGAGAGGG
 CAGCAGTCCATGCCAAGAACTGCCAGACCACCACAGGTAATGGAAACCCTGTGCAATGCTCTCAATCAGA
 AAGTTCCTTAAAGATGTCTTAAAGAGGGAGACTAAAGTCTGAAGACTGTCTGTGATCATGGGGTA
 TTCGTGTGCTGTGGCTCCCTTCTTCAATTCGAACTGTATGGTGCCTTCTGTGGCTCTGAGGAGACCC
 AGCCATTCTGCATTGATTCCATCACCTTCGATGATTTGTGTGGTTTGGCTGGCGAATTCCTCCCTGAA
 CCCCATATTTATGCTTTAATGCCGATTTTCAGAAGGCATTCTCGACCTCTTAGGATGCTATAGACTC
 TGCCCTACAACGAATAATGCCATAGAGACTGTAAGCATCAACAACCGGGCTGTGATGTTTTCCAGCC
 ACCATGAGCCCCGAGGCTCCATCTCCAAGGACTGTAATCTGGTTTACCTGATCCCTCATGTGGGCTC
 CTCTGAGACCTGAAGAGGGAGGAGGCCGGTGGCATAACCTAAGCCACTGGAGAAGCTGTCCCGGCCTTA
 TCGGTCATATTGGACTATGACACCGATGTCTCTAGAAAAGATCCAACCCGTTACCCACAGCGGACAGC
 ATTCAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001291801

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001291801.1](#), [NP_001278730.1](#)

RefSeq Size: 3497 bp

RefSeq ORF: 1341 bp

Locus ID: 13488

UniProt ID: [Q61616](#)

Cytogenetics: 13 28.4 cM

Gene Summary: Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.