

Product datasheet for **RN207554**

Drd3 (NM_017140) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drd3 (NM_017140) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Drd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207554 representing NM_017140
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACCTCTGAGCCAGATAAGCACCCACCTCAACTCCACCTGCGGGGCAGAAAACCTCACTGGCGTCA
 ACCGGGCCCGTCCGCACGCCTACTACGCCCTGTCTACTGTGCTCTCATCCTAGCCATCATCTTTGGCAA
 CGGCCTGGTATGTGCTGTGTGCTGAGGGAGCGTGCCCTGCAGACCACCACCACTACCTAGTGGTGAGC
 CTGGCTGTGGCCGACCTGCTAGTGGCCACGTTGGTGATGCCGTGGGTGGTGTACTTGAGGTTGACAGGTG
 GAGTCTGGAATTTAGCCGCATTTGCTGTGACGTTTTTGTACCCTGGATGTCATGATGTGTACAGCCAG
 CATCCTGAACCTCTGTGCCATCAGCATAGACAGGTACACAGCGGTGGTCCATGCCAGTTCACTATCAGCAC
 GGCACCGGCAGAGCTCCTGTAGACGTGTGCCACTCATGATCACAGCTGTGTGGGTGCTGGCTTTTGCTG
 TGTCTGCCCTCCTCTTTGGTTTCAACACAACAGGGGATCCCAGCATCTGCTCCATCTCCAACCTGA
 TTTTGTCAATTTACTCTTCACTAGTGGTGCCTTCTACGTTCCCTTCGGGGTGACTGTCTGGTCTATGCCAGG
 ATCTACATAGTCCTGAGGCAAAGGCAAAGAAAACGGATCCTCACTCGACAGAACAGCCAGTGCATCAGTA
 TCAGACCTGGCTTTCTCAGCAGTCTTCTGTCTGAGGCTGCATCCCATTTCGGCAGTTTTCAATAAGGGC
 CAGTTTTCTGTCAGATGCCACAGGACAAATGGAGCACATAGAAGACAAACAATATCCCCAGAAATGCCAG
 GACCCCTTTTGTACACCTGCAGCCCCCTCACCTGGTCAGACACATGGGGGGCTGAAGCGCTACTACA
 GCATCTGCCAAGACACTGCCTTGAGACACCAAGCTTGAAGGCGGGGCAGGGATGAGCCCCGTGGAAGG
 GACTCGGAACCTCTTGAGCCCCACCATGGCACCAAGCTCAGCTTAGAGGTTGAAAACCTCAGCAACGGC
 AGGTTATCCACGTCCTGAGGCTGGGGCCCTGCAGCTCGGGGAGTACCACTTCGAGAGAAGAAGGCCA
 CCCAGATGGTGGTCATTGTGCTTGGAGCCTTCATTGTCTGCTGGCTGCCCTTCTTCTGACTCACGTTCT
 TAATACCACTGTCAAGCATGCCACGTGTCCCCAGAGCTTTACAGAGCCACAACGTGGCTAGGCTATGTG
 AACAGTGCCTGAATCCTGTGATCTATACCACCTTCAATGTGGAGTTCGCAAAGCCTTCTCAAGATCC
 TGTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1626_e01.zip

Restriction Sites: SgfI-MluI

ACCN: NM_017140

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: [NM_017140.1](#), [NP_058836.1](#)

RefSeq Size: 1481 bp

RefSeq ORF: 1341 bp

Locus ID: 29238

UniProt ID: [P19020](#)

Cytogenetics: 11q21

Gene Summary: may be involved in facilitating the effects of antipsychotic drugs and drug treatments for Parkinson's disease [RGD, Feb 2006]