

Product datasheet for **MR226047**

Drd3 (NM_007877) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR226047 representing NM_007877
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCACCTCTGAGCCAGATAAGCAGCCACATCAACTCCACCTGTGGGGCAGAAAACCTCACTGGTGTCA
 ACCGGGCCCGTCCACATGCCTACTACGCCCTGTCTACTGTGCACTCATCTGGCCATCATCTTTGGCAA
 CCGTCTGGTATGTGCAGCTGTGCTGAGGGAGCGAGCCCTACAGACCACCACCAACTACCTAGTGGTGTGAGC
 CTGGCTGTGGCAGACCTGCTGGTGGCCACTTTGGTGTGATGCCGTGGGTGGTGTACTTGGAGGTGACAGGTG
 GAGTCTGGAATTTAGCCGCATTTGCTGTGATGTTTTTGTACCCTGGATGTCATGATGTGTACAGCCAG
 CATCTGAACCTCTGTGCCATCAGCATAGACAGGTACACAGCAGTGGTGTATGCCAGTTCACTATCAGCAT
 GGCACCGGGCAGAGCTCCTGTGACGTGTGGCGCTCATGATTACGGCTGTGTGGGTGCTGGCCTTTGCTG
 TGTCTGCCCTCTCTCTTTGGTTTCAACACAACAGGGGATCCCAGCATCTGCTCCATCTCCAACCTGA
 TTTTGTCAATTTACTCTTCGGTGGTGTCTTCTATGTTCCCTTTGGGGTACTGTCTCTGGTCTATGCCAGG
 ATCTACATGGTCCCTGAGGCAAAGGCGAAGAAAACGGATCCTCACTAGACAGAACGCCAGTGTATACGCA
 TCAGACCTGGCTTCCCTCAGCAGTCTTCTGTCTGCGGCTGCATCCCATTCCGGCAGTTTTCAATAAGGGC
 CAGGTTTTCTGTGAGATGCCACGGGACAAATGGAGCACATAGAAGACAAACCATATCCCCAGAAATGCCAG
 GACCCTCTTGTGACATCTACAGCCCCTCTCTCTGGCCAGACACATGGAGAGCTGAAACGCTACTACA
 GCATCTGCCAAGACACTGCCTTGAGGCATCCAACTTCGAAGGAGGGGGAGGGATGAGCCAAGTGGAGAG
 GACTCGGAACCTTAAGCCCCACCATGGCACCAAGCTCAGCTTAGAGGTTGAAAACCTCAGCAATGGC
 AGGTTATCCACATCCCTGAAGCTGGGGCCCTACAGCTCGGGGAGTACCACTTCGAGAGAAGAAGGCCA
 CCCAGATGGTGGTCATTGTGCTCGGGCCCTTATTGTCTGTTGGCTGCCCTTCTTCTGACTCACGTTCT
 TAATACCACTGTGAGGCATGCCACGTGTCCCCAGAGCTTTACAGAGCCACGACATGGCTTGGCTACGTG
 AACAGTGCCTGAACCCTGTGATCTACACCACCTCAACATAGAGTTCGCAAGCCTTCTCAAGATTC
 TATCTGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226047 representing NM_007877
 Red=Cloning site Green=Tags(s)

MAPLSQISSHINSTCGAENSTGVNRARPHAYYALSYCALILAIIFGNGLVCAAVLRERALQTTTNYLVVS
 LAVADLLVATLVMPWVVYLEVTGGVWNFSRICDVFVTLDMVMCTASILNLCAISIDRYTAVVMPVHYQH
 GTGQSSCRRVALMITAVWVLAFAVSCPLLFGFNTTGDPSICISINPDFVIYSSVVSFYVPFGVTVLVYAR
 IYMLVRQRRRKRILTRQNSQCISIRPGFPQSSCLRHPHPIRQFSIRARFLSDATGQMEHIEDKPYQKCCQ
 DPLL.SHLQPLSPGQTHGELKRYYSICQDTALRHPNFEGGGMSQVERTRNSLSPMAPKLSLEVRKLSNG
 RLSTSLKLGPLQPRGVPLREKKATQMVVIVLGAFIGVCWLPFFLTHVLNTHCQACHVSPELYRATTWLGYY
 NSALNPVIYTTFNIEFRKAFKILSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1222_h04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_007877

ORF Size: 1338 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_007877.1](#), [NP_031903.1](#)

RefSeq Size: 1341 bp

RefSeq ORF: 1341 bp

Locus ID: 13490

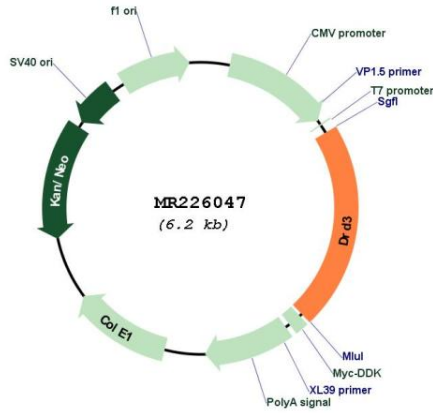
UniProt ID: [P30728](#)

Cytogenetics: 16 28.44 cM

MW: 50.1 kDa

Gene Summary: Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226047