

Product datasheet for **MG226047**

Drd3 (NM_007877) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drd3 (NM_007877) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Drd3
Synonyms:	D3R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG226047 representing NM_007877
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACCTCTGAGCCAGATAAGCAGCCACATCAACTCCACCTGTGGGGCAGAAAACCTCACTGGTGTCA
 ACCGGGCCCGTCCACATGCCTACTACGCCCTGTCTACTGTGCACTCATCCTGGCCATCATCTTTGGCAA
 CCGTCTGGTATGTGCAGCTGTGCTGAGGGAGCGAGCCCTACAGACCACCACTACCTAGTGGTGTGAGC
 CTGGCTGTGGCAGACCTGCTGGTGGCCACTTTGGTGATGCCGTGGGTGGTGTACTTGGAGGTGACAGGTG
 GAGTCTGGAATTTAGCCGCATTTGCTGTGATGTTTTTGTACCCTGGATGTCATGATGTGTACAGCCAG
 CATCCTGAACCTCTGTGCCATCAGCATAGACAGGTACACAGCAGTGGTATGCCAGTTCACTATCAGCAT
 GGCACCGGGCAGAGCTCCTGTGACGTGTGGCGCTCATGATTACGGCTGTGTGGGTGCTGGCCTTTGCTG
 TGCTCTGCCCTCCTCTTTGGTTTCAACACAACAGGGGATCCCAGCATCTGCTCCATCTCCAACCTGA
 TTTTGTCAATTTACTCTTCGGTGGTGTCTTCTATGTTCCCTTTGGGGTACTGTCTCTGGTCTATGCCAGG
 ATCTACATGGTCCCTGAGGCAAAGGCGAAGAAAACGGATCCTCACTAGACAGAACGCCAGTGTATACGCA
 TCAGACCTGGCTTCCCTCAGCAGTCTTCTGTCTGCGGCTGCATCCCATTCCGGCAGTTTTCAATAAGGGC
 CAGGTTTTCTGTGAGATGCCACGGGACAAATGGAGCACATAGAAGACAAACCATATCCCCAGAAATGCCAG
 GACCCTCTTGTGACATCTACAGCCCCTCTCTCTGGCCAGACACATGGAGAGCTGAAACGCTACTACA
 GCATCTGCCAAGACACTGCCTTGAGGCATCCAACTTCGAAGGAGGGGGAGGGATGAGCCAAGTGGAGAG
 GACTCGGAACCTCTTAAGCCCCACCATGGCACCAAGCTCAGCTTAGAGGTTGAAAACCTCAGCAATGGC
 CCCAGATGGTGGTCATTGTGCTCGGGCCCTCATTGTCTGTTGGCTGCCCTTCTTCTTGACTCAGTTCT
 TAATACCACTGTGAGGCATGCCACGTGTCCCCAGAGCTTTACAGAGCCACGACATGGCTTGGCTACGTG
 AACAGTGCCTGAACCCTGTGATCTACACCACCTCAACATAGAGTTCGCAAAGCCTTCTCAAGATTC
 TATCTCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226047 representing NM_007877
 Red=Cloning site Green=Tags(s)

MAPLSQISSHINSTCGAENSTGVNRARPHAYYALSYCALILAIIFGNGLVCAAVLRERLQTTTTNYLVVS
 LAVADLLVATLVMPVVVYLEVTGGVWNFSRICDVFVTLDMVMMCTASILNLCAISIDRYTAVVMPVHYQH
 GTGQSSRRVALMITAVWVLAFAVSCPLLFGFNTTGDPSICISNPDFVIYSSVVSFYVFPVTVLVYAR
 IYVMLRQRRRKRILTRQNSQCISIRPGFPQSSCLRLHPIRQFSIRARFLSDATGQMEHIEDKPYQKQCQ
 DPLLSHLQPLSPGQTHGELKRYYSICQDTALRHPNFEFGGMSQVERTRNSLSPTMAPKLSLEVRKLSNG
 RLSTSLKLGPLQPRGVPLREKKATQMVVIVLGAFIGVWLPFFLTHVLNTHCQACHVSPELYRATTWLVGY
 NSALNPVIYTTFNIEFRKAFKILSC

TRTRPLE - GFP Tag - V

Chromatograms:

https://cdn.origene.com/chromatograms/ja1256_e08.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

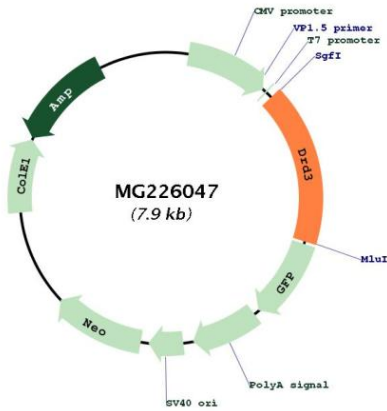
Locus ID: 13490

UniProt ID: [P30728](#)

Cytogenetics: 16 28.44 cM

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 MG226047