

Product datasheet for **MG226226**

Drd1 (NM_010076) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drd1 (NM_010076) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Drd1
Synonyms:	C030036C15Rik; Drd-1; Drd1a; Gpcr15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226226 representing NM_010076
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCTAACACTTCTACCATGGATGAGACTGGCTGCCAGTGGAGAGGGACTTCTCCTTTCGCATCC
 TCACAGCCTGTTTTCTGTCCCTGCTTATCCTGTCCACTCTCTTAGGGAATACCCTTGTCTGTGCCGCTGT
 CATCAGGTTTCGACACCTGCGGTCCAAGGTGACCAACTCTTTTGTATCTCTTTAGCTGTGTGAGATCTC
 TTGGTGGCTGTCTTGGTCATGCCCTGAAAGCTGTGGCTGAGATTGCTGGCTTTTGGCCCTTTGGGTCT
 TTTGTAACATTTGGGTAGCCTTTGACATCATGTGCTCCACGGCATCCATCCTAACCTCTGTGTGATCAG
 CGTGGACAGGTATTGGGCTATCTCCAGCCCTTCCAGTATGAGAGGAAGATGACTCCGAAGGCAGCCTTC
 ATCCTGATTAGCGTAGCATGGACTTTGTCTGTTCTCATATCCTTCATTCCAGTGCAGCTAAGCTGGCACA
 AGGCAAACTACATGGCCCTTGGATGGCAATTTACTTCCCTGGAAGATGCCGAGGATGACAACTGTGA
 CACGAGTTGAGCAGGACATACGCCATTCATCCTCCCTCATAAGCTTTTACATCCCGTAGCCATTATG
 ATCGTCACTTACACAGTATCTACAGGATTGCCAGAAGCAAATCCGGCGCATCTCAGCTTTGGAGAGGG
 CAGCAGTCCATGCCAAGAACTGCCAGACCACCAGGTAATGAAACCCTGTGCAATGCTCTCAATCAGA
 AAGTTCCTTAAAGATGTCTTAAAGAGGGAGACTAAAGTCTGAAGACTGTCTGTGATCATGGGGTA
 TTCGTGTGCTGTGGCTCCCTTCTTCAATTCGAACTGTATGGTGCCTTCTGTGGCTCTGAGGAGACCC
 AGCCATTCTGCATTGATTCATCACCTTCGATGATTTGTGTGGTTTGGCTGGGCGAATTCCTCCCTGAA
 CCCATTATTTATGCTTTAATGCCGATTTTCAGAAGGCATTCTCGACCTCTTAGGATGCTATAGACTC
 TGCCCTACAACGAATAATGCCATAGAGACTGAAGCATCAACAACGGGGCTGTGATGTTTTCCAGCC
 ACCATGAGCCCGAGGCTCCATCTCCAAGGACTGTAATTTGGTTTACCTGATCCCTCATGCTGTGGGCTC
 CTCTGAGGACCTGAAGAGGGAGGAGGCCGGTGGCATAACCTAAGCCACTGGAGAAGCTGTCCCGGCCTTA
 TCGGTCATATTGACTATGACACCGATGTCTCTAGAAAAGATCCAACCGTTACCCACAGCGGACAGC
 ATCAACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226226 representing NM_010076
 Red=Cloning site Green=Tags(s)

MAPNTSTMDETGLPVERDFSRILTACFLSLLILSTLLGNTLVCAAVIRFRHLRSKVTNFFVISLAVSDL
 LVAVLVMPWKAVAEIAGFWPFGSFCNIWVAFDIMCSTASILNLCVISVDRYWAISSPFQYERKMTPKAAF
 ILISVAWTL SVLISFIPVQLSWHKAKPTWPLDGNFTSLEDAEDDNCCTRLSRTYAISSSLISFYIPVAIM
 IVTYTSIYRIAQKQIRRI SALERA AVHAKNCQTTTGNNGNPVECSQSESSFKMSFKRETKVLKTL SVIMGV
 FVCCWLPFFISNCMV PFCGSEETQPF CIDSITFDV FVWFGWANSSLNPIIYAFNADFQKAFSTLLGCYRL
 CPTTNNAIETV SINNGAVMFSSHHEPRGSI SKDCNLVYLIPHAVGSSDLKREEAGGIPKPLEKLSPAL
 SVILDYD TDVSLEKI QPVTHSGQHST

TRTRPLE - GFP Tag - V

Chromatograms:

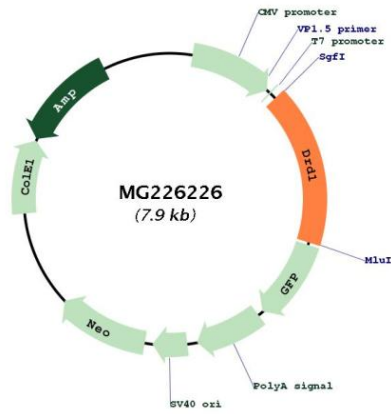
https://cdn.origene.com/chromatograms/ja2342_a05.zip

Restriction Sites:

SgfI-MluI

RefSeq Size: 3543 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]

Product images:



Circular map for MG226226