

Product datasheet for **MR229956**

Drd1 (NM_001291801) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR229956 representing NM_001291801
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCCTAACACTTCTACCATGGATGAGACTGGCCTGCCAGTGGAGAGGGACTTCTCCTTTCGCATCC
 TCACAGCCTGTTTTCTGTCCCTGCTTATCTGTCCACTCTTAGGGAATACCCTTGTCTGTGCCGCTGT
 CATCAGGTTTCGACACCTGCGGTCCAAGGTGACCAACTCTTTTGTTCATCTCTTTAGCTGTGTGATCTC
 TTGGTGGCTGTCTTGGTCATGCCCTGAAAGCTGTGGCTGAGATTGCTGGCTTTTGGCCCTTTGGGTCT
 TTTGTAACATTTGGGTAGCCTTTGACATCATGTGCTCCACGGCATCCATCCTAACCTCTGTGTGATCAG
 CGTGGACAGGTATTGGGCTATCTCCAGCCCTTCCAGTATGAGAGGAAGATGACTCCGAAGGCAGCCTTC
 ATCCTGATTAGCGTAGCATGGACTTTGTCTGTTCTCATATCCTTCATTCCAGTGCAGCTAAGCTGGCACA
 AGGCAAACTACATGGCCCTTGGATGGCAATTTACTTCCCTGGAAGATGCCGAGGATGACAACTGTGA
 CACGAGTTGAGCAGGACATACGCCATTCATCCTCCCTCATAAGCTTTTACATCCCGTAGCCATTATG
 ATCGTCACCTACACAGTATCTACAGGATTGCCAGAAGCAAATCCGGCGCATCTCAGCTTTGGAGAGGG
 CAGCAGTCCATGCCAAGAACTGCCAGACCACCACAGGTAATGAAACCCTGTGCAATGCTCTCAATCAGA
 AAGTTCCTTTAAGATGTCTTTAAGAGGGAGACTAAAGTCTGAAGACTGTCTGTGATCATGGGGTA
 TTCGTGTGCTGTGGCTCCCTTTCTTCAATTCGAACTGTATGGTGCCTTCTGTGGCTCTGAGGAGACCC
 AGCCATTCTGCATTGATTCCATCACCTTCGATGTATTTGTGTGGTTTGGCTGGCGAATTCTCCCTGAA
 CCCATTATTTATGCTTTAATGCCGATTTTCAGAAGGCATTCTCGACCTCTTAGGATGCTATAGACTC
 TGCCCTACAACGAATAATGCCATAGAGACTGAAGCATCAACAACCGGGCTGTGATGTTTTCCAGCC
 ACCATGAGCCCGAGGCTCCATCTCCAAGGACTGTAATTTGGTTTACCTGATCCCTCATGCTGTGGGCTC
 CTCTGAGGACCTGAAGAGGGAGGAGGCCGGTGGCATAACCTAAGCCACTGGAGAAGCTGTCCCGGCCTTA
 TCGGTCATATTGGACTATGACACCGATGTCTCTAGAAAAGATCCAACCGTTACCCACAGCGGACAGC
 ATTCAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR229956 representing NM_001291801
 Red=Cloning site Green=Tags(s)

MAPNTSTMDTGLPVERDFSRILTACFLSLLILSTLLGNTLVCAAVIRFRHLRSKVTNFFVISLAVSDL
 LVAVLVMPWKAVAEIAGFWPFGSFCNIWVAFDIMCSTASILNLCVISVDRYWAISSPFQYERKMTPKAAF
 ILISVAWTL SVLISFIPVQLSWHKAKPTWPLDGNFTSLEDAEDDNC DTRL SRTYAISSSLISFYIPVAIM
 IVTYTSIYRIAQKQIRRI SALERA AVHAKNCQTTTGNPNPECSQSESSFKMSFKRETKVLKTL SVIMGV
 FVCCWLPFFISNCMVPFCGSEETQPF CIDSITFDVFWFGWANSSLNPIIYAFNADFQKAFSTLLGCYRL
 CPTTNNAIETV SINNGAVMFS SHHEPRGSI SKDCNLVYLIPHAVGSSSEDLKREEAGGIPKPLEKLSPAL
 SVILDYD TDVSLEKI QPVTHSGQHST

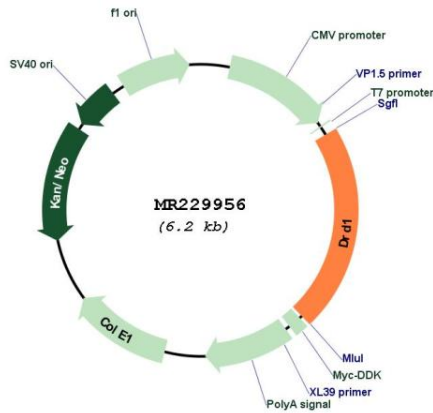
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cytogenetics: 13 28.4 cM
MW: 49.6 kDa
Gene Summary: Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR229956