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Product datasheet for MC215929

Drd3 (NM_007877) Mouse Untagged Clone

Product data:

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

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Fully Sequenced ORF:

>MC215929 representing NM_007877
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACCTCTGAGCCAGATAAGCAGCCACATCAACTCCACCTGTGGGGCAGAAAACTCCACTGGTGTCA
ACCGGGCCCGTCCACATGCCTACTACGCCCTGTCCTACTGTGCACTCATCCTGGCCATCATCTTTGGCAA
CGGTCTGGTATGTGCAGCTGTGCTGAGGGAGCGAGCCCTACAGACCACCACCAACTACCTAGTGGTGAGC
CTGGCTGTGGCAGACCTGCTGGTGGCCACTTTGGTGATGCCGTGGGTGGTGTACTTGGAGGTGACAGGTG
GAGTCTGGAATTTCAGCCGCATTTGCTGTGATGTTTTTGTCACCCTGGATGTCATGATGTGTACAGCCAG
CATCCTGAACCTCTGTGCCATCAGCATAGACAGGTACACAGCAGTGGTCATGCCAGTTCACTATCAGCAT
GGCACCGGGCAGAGCTCCTGTCGACGTGTGGCGCTCATGATTACGGCTGTGTGGGTGCTGGCCTTTGCTG
TGTCCTGCCCTCTCCTCTTTGGTTTCAACACAACAGGGGATCCCAGCATCTGCTCCATCTCCAACCCTGA
TTTTGTCATTTACTCTTCGGTGGTGTCCTTCTATGTTCCCTTTGGGGTGACTGTCCTGGTCTATGCCAGG
ATCTACATGGTCCTGAGGCAAAGGCGAAGAAAACGGATCCTCACTCGACAGAACAGCCAGTGTATCAGCA
TCAGACCTGGCTTCCCTCAGCAGTCTTCCTGTCTGCGGCTGCATCCCATTCGGCAGTTTTCAATAAGGGC
CAGGTTTCTGTCAGATGCCACGGGACAAATGGAGCACATAGAAGACAAACCATATCCCCAGAAATGCCAG
GACCCTCTCTTGTCACATCTACAGCCCCTCTCTCCTGGCCAGACACATGGAGAGCTGAAACGCTACTACA
GCATCTGCCAAGACACTGCCTTGAGGCATCCAAACTTCGAAGGAGGGGGAGGGATGAGCCAAGTGGAGAG
GACTCGGAACTCCTTAAGCCCCACCATGGCACCCAAGCTCAGCTTAGAGGTTCGAAAACTCAGCAATGGC
AGGTTATCCACATCCCTGAAGCTGGGGCCCCTACAGCCTCGGGGAGTACCACTTCGAGAGAAGAAGGCCA
CCCAGATGGTGGTCATTGTGCTCGGGGCCTTCATTGTCTGTTGGCTGCCCTTCTTCTTGACTCACGTTCT
TAATACCCACTGTCAGGCATGCCACGTGTCCCCAGAGCTTTACAGAGCCACGACATGGCTTGGCTACGTG
AACAGTGCCCTGAACCCTGTGATCTACACCACCTTCAACATAGAGTTCCGCAAAGCCTTCCTCAAGATTC
TATCCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_007877

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.

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RefSeq:	NM_007877.2, NP_031903.1
RefSeq Size:	1455 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]

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