

Product datasheet for **SC200608**

Dopamine Receptor D4 (DRD4) (NM_000797) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Dopamine Receptor D4 (DRD4) (NM_000797) Human 3' UTR Clone
Symbol:	Dopamine Receptor D4
Synonyms:	D4DR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000797
Insert Size:	133 bp
Insert Sequence:	>SC200608 3'UTR clone of NM_000797 The sequence shown below is from the reference sequence of NM_000797. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TTCCGCAAGGCCCTGCGTGCTGCTGCT TGA GCCGGGCACCCCGGACGCCCGCCGGCCTGATGGCCAGG CCTCAGGGACCAAGGAGATGGGGAGGGCGCTTTTGTACGTTAATTAACAAATTCCTTCCAAA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000797.4</u>



[View online »](#)

Summary:

This gene encodes the D4 subtype of the dopamine receptor. The D4 subtype is a G-protein coupled receptor which inhibits adenylyl cyclase. It is a target for drugs which treat schizophrenia and Parkinson disease. Mutations in this gene have been associated with various behavioral phenotypes, including autonomic nervous system dysfunction, attention deficit/hyperactivity disorder, and the personality trait of novelty seeking. This gene contains a polymorphic number (2-10 copies) of tandem 48 nt repeats; the sequence shown contains four repeats. [provided by RefSeq, Jul 2008]

Locus ID:

1815

MW:

4.9