

Product datasheet for **SC207695**

Cannabinoid Receptor II (CNR2) (NM_001841) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cannabinoid Receptor II (CNR2) (NM_001841) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CNR2
Synonyms:	CB-2; CB2; CX5
ACCN:	NM_001841
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC207695 3'UTR clone of NM_001841

The sequence shown below is from the reference sequence of NM_001841. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCAGAGATCTAGACCTCTCTGATTGCTGATGAGGCTCTTCCCAATTTAAACAACCTCAAGTCAGAAAT
CAGTTCACCTCCCTGGAAGAGAGAGAGGGGTCTTGGCACTCTCTTCTTACTTAAACCAAGTCCCAGACACC
TAGACACGGACCCCTTTTGGCTGATGAGTGTGGGACTGACTCCTGGAAGACAGCCTGGCCTTGCCAC
CTGCACACAGTCTGTTGGATAGGTAGGGCCACGAGGAGTAGCCAGGTAGGCGAGACACAAAAGGCCCTGG
GACAGGGTCAGTACAAGTCAGGTCAGGCTTCATGCCTGCATCCTCCAGAGACCACAGGAGCCAAAGCGA
GCCTCCAGGCCAGCAATGAGGGACTTGGGAGAAATCTGAGAAGAATGGGTTGTTCTCTTGGGAAGTCA
GGGTATCAGATGGGATGGACATCCAGGCTTCTCTCTGCCTAATTGTCAAGGCCCTCTTGGCTCTGGAG
CTATGAAAGGCCCACTTTCAAGTCACCCTTGCCACTGAGGACCAGGACTATGCTATGATGAGGATTA
AGGTGTTGACTTGCCCTTTTCCAGAGATAAATGACAAGCCTTCAGTTTGGGGCATCTCTGTTTGGGCG
AGGACCCTCTCTGATATTCTGATAATCCCCACCTGTAACCTCAGGTCCCTGGAAATACAGAGGAGGCTG
GGATCGCCTGAGACACAAAAATCTTTGGAGAATTTTCTGACCCTCTGAAGTCTTCCAGCAGCAGTCC
TGGTGGTGTCTGCTGGAAGCAGGCAATGCTCTAGTCTAACCTAACTCGAAGAAAAAAGGAAGATATTCA
CAAAGATTGTATAAATCTCCAACTGTTCCCTATCTGCCCAATTCAGCTCCCTTGCCTCTCCACA
CCCCTATTACATAATAAAGCAGAGCAAGTGGGAGGAGGGAAATGTCCTTCTATATGCCAGGTATGG
GGCTGACATTTAGTCTATTGACCCAGCTAGAATATAGTCCATGATTTTAAAGATCTCAGGGGCCAG
GCATGGTAGCTCATGCCGTAAATCCCAGCACTTTGGGAGGCCAAGCAGGTGGATCACCTGAGGTCAGG
AGTTTGAGACCAGCCTGACCAATATGGTGAACCCCTGTCTCTACTAAAAATACAAAAATTAGCAGGGCA
TGGTGGCAGGCACCTGTAGTCCCAGCTACTCGGGAGGCTGAGACAGGAGAATTGCTTGAACCCTGGAGG
CAGAGGTTGCAGTGAGCCGAGATTGCACCACTGCACTCCAGCCTGGGTGACAGAGCAAGACTGTCTCAA
AAAAATAAAATAAAATAGATCCCAGGACTCATTTTTTTCATATGAGGGAGGCTGGGTTTCTCCAGAGG
AGCCTAAAACAGCCAACAAGAGAAATGTTGGCGGCAGGAAGATTGCAGAGGAATTCTAATGCAATTAT
TTGGGACCTCAAATGGAATAAAATGAAAGATATTGGTTAAACATGTCTTCGTTTAACTTTCAAGACA
AAATATCCACTAGCTATTCATTTATTTCATCTCATAAACATGAGCCAGGCTCTGTGCAGGGTCTG
AGTACCCAGCCATAAATGAGACTGTGCCCTGTCTCATGGGGCTTACAGTCTATATCCTGCTTGAAGA
CAGCCAATAAGTCAATAAAGAAGATAATTACAGGCAGTACAACAAGGAAATATGCAGGTTTCATGTCAT
GTAATAGGGATTAATTGAGTAACTCAATAAACGGTAGGATAGACCTACCATGTGCCGGCTCACTTTTA
TTGAGCCTTTACTATGTGCCAGGCAGGGGGCTAAGTGTTTTTTAAATGCCTTATTTCACTTCATGTTCC
CAACAACCTAATAAGAAGTCTTAGTTATCTTCAATTTTACAGATGTGGCAACCTCAAAGATGCAAAGTC
ACTTGTCTAAGGTCACCCTGCTAAGTACCAGAGCTGAGGTCTCCAACCTAGTTCTGTTTGACTTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

Restriction Sites:

SgfI-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:

[NM_001841.3](#)

Summary:

The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors. [provided by RefSeq, Jul 2008]

Locus ID:

1269

MW:

75.3