

Product datasheet for **RN212368**

Cnr1 (NM_012784) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnr1 (NM_012784) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnr1
Synonyms:	SKR6R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212368 representing NM_012784
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGTCGATCCTAGATGGCCTTCGACACACCACCTTCCGTACCATCACCACAGACCTCCTCTACGTGG
 GCTCGAATGACATTTCAGTATGAAGATATCAAAGGAGACATGGCATCCAAATTAGGATACTTCCCACAGAA
 ATTCCCTCTAACTTCCTTCAGGGGTAGTCCCTTCCAAGAAAAGATGACCGCAGGAGACAACCTCCCGTTG
 GTCCCAGCAGGAGACACAACAAACATTACAGAGTTCTATAACAAGTCTCTCTCGTCGTTCAAGGAGAATG
 AGGAGAACATCCAGTGTGGGGAGAACTTTATGGACATGGAGTGTCTTATGATTCTGAATCCAGCCAGCA
 GCTGGCCATCGCTGTACTGTCCCTCACACTGGGCACCTTCACGGTTCTGGAGAACCTACTGGTGTGTGT
 GTCATCCTGCACTCCCGCAGTCTCCGATGCAGGCCTTCTACCCTTTCATCGGCAGCCTGGCAGTGGCCG
 ACCTCCTGGGAAGTGTCAATTTTGTGTACAGCTTTGTTGACTTCCATGTATTCCACCGTAAAGACAGCCC
 CAATGTGTTTCTGTTCAAACCTGGGTGGGGTTACAGCCTCCTTACAGCTTCTGTGGGCAGCCTGTTCCCTC
 ACAGCCATCGACAGGTACATATCCATTCACAGGCCTCTGGCCTATAAGAGGATCGTCACCAGGCCCAAGG
 CCGTTGTGGCCTTTTGCCTGATGTGGACTATCGCAATAGTAATCGCTGTGTTGCCTCTCCTGGGCTGGAA
 CTGCAAGAAGCTGCAATCTGTTTCTCGGACATTTTCCACTCATTGACGAGACCTACCTGATGTTCTGG
 ATTGGGGTGACCAGTGTGCTGCTGCTGTTTATTGTGTACGCGTACATGTACATTCTGGAAGGCTCACA
 GCCACGCGGTCCGCATGATTACGCGTGGGACCCAGAAGAGCATCATCCACACGTGAGAAGACGGCAA
 GGTGCAGGTGACCGGCCTGACCAAGCCCGCATGGACATTAGGCTGGCCAAAACCTGGTTCTGATCCTG
 GTGGTGTGATCATCTGCTGGGGCCCTCTGCTTGCAGTATGCTCTGCCTGCTGAACCTCCACCGTGAACCCCATCAT
 AGCTTATCAAGACGGTGTGTTGCTTCTGCAGTATGCTCTGCCTGCTGAACCTCCACCGTGAACCCCATCAT
 CTATGCTCTGAGGAGCAAGGACCTGAGACATGCTTTCCGAAGCATGTTCCCTTCGTGCGAAGGCACCGCA
 CAGCCTCTAGACAACAGCATGGGGGACTCAGACTGCCTGCACAAGCACGCCAACACACGCCAGCATGC
 ACAGGGCCCGGAGAGCTGCATCAAGAGCACCGTTAAGATCGCGAAGGTGACCATGTCTGTGTCCACAGA
 CACGTCCGCCGAGGCTCTG**TGA**

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-NotI
- ACCN:** NM_012784
- Insert Size:** 1422 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.

RefSeq: [NM_012784.4](#), [NP_036916.1](#)

RefSeq Size: 5465 bp

RefSeq ORF: 1422 bp

Locus ID: 25248

UniProt ID: [P20272](#)

Cytogenetics: 5q21

Gene Summary: G-protein coupled receptor for psychoactive cannabinoids; may mediate inhibition of NO production and participate in retrograde signaling by endocannabinoids [RGD, Feb 2006]