

Product datasheet for **RN207236**

Cnrip1 (NM_001014232) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cnrip1 (NM_001014232) Rat Untagged Clone

Tag: Tag Free

Symbol: Cnrip1

Synonyms: Crip1a; RGD1308373

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN207236 representing NM_001014232
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGATCTACCGGGGATCGTGCCTTTCCATCGCGCTGCGCATCAACCCAATGATGGCCCTGTTT
 TCTTCAAGGTGGACGGGCAGCGCTTTGGGCAGAACCGTACAATCAAGCTGCTACCGGTTCTCTACAA
 GGTGGAGGTGAAGATTAAGCCACAACACTGCAGGTCGAGAACATTTCCATTGGTGGTGTGCTTGTCCCA
 CTGGAGCTGAAGTGAAGAGCCTGATGGGAAAGAGTTGTCTACACCGCATATACGATACAGAAGGGG
 TAGCCCCAACAAAAGTGGAGAGCGACAACCCATCCAGATCACCATGCCGTTACAGACATTGGGACCTT
 CGAGACGGTGTGGCAAGTCAAGTTCTACAATTACCACAAGCGAGACCACTGCCAGTGGGGAAGCCCGTTC
 TCCGTCATTGAGTATGAATGCAAGCCCAATGAGACGCGCAGCCTCATGTGGTGAATAAGGAGTCCTTCC
 TCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014232

Insert Size: 495 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).


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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:	<u>NM_001014232.1, NP_001014254.1</u>
RefSeq Size:	1478 bp
RefSeq ORF:	495 bp
Locus ID:	364208
UniProt ID:	<u>Q5M7A7</u>
Cytogenetics:	14q22
Gene Summary:	Suppresses cannabinoid receptor CNR1-mediated tonic inhibition of voltage-gated calcium channels.[UniProtKB/Swiss-Prot Function]