

## Product datasheet for MC214669

### Cnrip1 (NM\_029861) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cnrip1 (NM_029861) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnrip1
Synonyms:	1500041B16Rik; 3110054C06Rik; 5330437A18Rik; AI854501; C2orf32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214669 representing NM_029861 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGGGGACCTACCCGGACTCGTGCCTTTCCATCGCGCTGCGCATCCAGCCCAACGACGGCCCTGTTT  
TCTTCAAGGTGGACGGGAGCGTTTTGGCCAGAACCGACAATCAAGCTGCTACCGGCTCCTCTACAA  
GGTGGAGGTGAAGATTAAGCCCAACAACACTGCAGGTCGAGAATTTCCATTGGTGGTGTCTTGTCCCA  
CTGGAGCTGAAGGTAAGAGCCTGACGGGAGAGAGTTGTCTACACCGCATCTATGACACAGAAGGTG  
TAGCCCAACCAAAAGTGAGAGCGACAACCCATCCAGATCACCATGCCTTTACAGACATTGGGACCTT  
CGAGACAGTGTGGCAAGTCAAATTTCTACAATTACCACAAGCGAGACCATTGCCAGTGGGAAGTCCTTTC  
TCTGTCATTGAGTATGAATGCAAGCCCAATGAGACCCGCAGCCTCATGTGGGTGAATAAGGAGTCCTTCC  
TCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_029861
Insert Size:	495 bp


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<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_029861.2</a> , <a href="#">NP_084137.1</a>
<b>RefSeq Size:</b>	1569 bp
<b>RefSeq ORF:</b>	495 bp
<b>Locus ID:</b>	380686
<b>UniProt ID:</b>	<a href="#">Q5M8N0</a>
<b>Cytogenetics:</b>	11 A2
<b>Gene Summary:</b>	Suppresses cannabinoid receptor CNR1-mediated tonic inhibition of voltage-gated calcium channels.[UniProtKB/Swiss-Prot Function]