

## Product datasheet for **SC100919**

### CNRIP1 (NM\_015463) Human Untagged Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Name:             | CNRIP1 (NM_015463) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Symbol:                   | CNRIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms:                 | C2orf32; CRIP-1; CRIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fully Sequenced ORF:      | <p>&gt;OriGene ORF within SC100919 sequence for NM_015463 edited (data generated by NextGen Sequencing)</p> <p>ATGGGGGACCTGCCGGGCTCGTGCGCCTCTCCATCGCGTGCGCATCCAGCCTAATGAC<br/> GGCCCGGTCTTTTACAAGGTGGACGGGCAGCGCTTCGGCCAGAACCGCACCATCAAGCTG<br/> CTCACCGGCTCCTCTACAAGGTTGAGGTGAAGATTAAACCCAGCACGCTGCAGGTCGAG<br/> AATATTTCCATTGGTGGTGTGCTTGCCCACTGGAAGTCTAAAGAGCCTGATGGG<br/> GACAGAGTTGTTTATACGGGTACATATGACACAGAAGGTGTGACCCCAACGAAGAGTGGA<br/> GAACGGCAACCCATCCAGATCACCATGCCGTTACAGACATTGGGACCTTCGAGACAGTG<br/> TGGCAAGTCAAGTTCTACAATTACCACAAGCGGGATCACTGCCAGTGGGGAAGCCCCTTC<br/> TCTGTCTTGTGATGAATGCAAGCCCAACGAGACACGCAGTCTGATGTGGGTGAACAAG<br/> GAGTCCTTCCTCTGA</p> <p>Clone variation with respect to NM_015463.2</p> |



[View online »](#)

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_015463 unedited</p> <p>NTGTCAAATATTGTATACGACTCATATAGGCGGCCGCGCCTCGTGCCGAATTCGGCACGA<br/> GGGCGGGGGATGGGGAAGCGCGCGCCTTGGAGCCGTCTCTTGGGCCCGCTTCTCGCCG<br/> AGTGGGGAGGGGGGCCACAGCCTAAGGAGCTGCTCCTCAAAGCCCGGGCGGACGGCGGC<br/> GACGGCGCGGGTTCCTAGCGGCAGCCTCAGCTCCACCACCTCCCTCACCTCCCCGCGCT<br/> TCCTCTCCGCCCTCGCGCTCCAGCCACTCGGCCGAGCCGGCGCTGTCTCCGCCCCCC<br/> GGAGCCCGCGGCCAGACCCTCGCCAGACATGGGGGACCTGCCGGGCTCGTGCGCCTC<br/> TCCATCGCGCTGCGCATCCAGCCTAATGACGGCCCGTCTTTTACAAGGTGGACGGGCAG<br/> CGCTTCGGCCAGAACCGACCATCAAGCTGCTCACC GGCTCCTCTACAAGGTTGAGGTG<br/> AAGATTAACCCAGCACGCTGCAGGTCGAGAATATTTCCATTGGTGGTGTGCTTGTCCCA<br/> CTGGAAGTGAAGTCTAAAGAGCCTGATGGGGACAGAGTTGTTTATACGGGTACATATGAC<br/> ACAGAAGTGTGACCCCAACGAAGAGTGGAGAACGGCAACCCATCCAGATCACCATGCCG<br/> TTCACAGACATTGGGACCTTCGAGACAGTGTGGCAAGTCAAGTTCTACAATTACCACAAG<br/> CGGGATCACTGCCAGTGGGAAGCCCTTCTCTGTATTGAGTATGAATGCAAGCCCAAC<br/> GAGACACGCAGTCTGATGTGGGTGAACAAGAGTNCCTTCTGAAAGGGCTCTTTCTGA<br/> TGCTACTGGACAATCTTTTCAAGATCTACTTTTAGATAACCAGCGCAGGCCTAAACAGCAT<br/> GCACACCATNGCTGTCCCATCTGGACTATGACTACTANCCTGGTATTTTGAAGGAA</p> |
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_015463 unedited</p> <p>NAAATTCAGCTTGNACCGCGCGCCGAATNCTAGATCGAGTTTTTTTTTTTTTTTTTTGA<br/> TTTTCAACGCCTTTATTAAGAAATATCAAAGTTGATTACAGGTCCATATGCAGTTTTAC<br/> AAAGTTCAAGTGAAGAAGACTGTAGGGATGCCATCAATGTGCGTGTCTGAAGACTATGGA<br/> AGCTTGTCAAAGGGTAACCTACAACCTCTGTCACCTTAAACAATGGTCCACAGCAATGC<br/> TTTTCCCCATTTCTACTAGGCTAGGCCATTGCACAATACCTTAAGCTACTTAAAGAGT<br/> TTTAATACGTTATAAATACGTACATATTTGTCCTTCTAGTTTGTTACCATCCTTCCTGA<br/> AAGAGCGGAGCTGTTTATAGGAAGCACAACTTTGAGTCCCATCACTGTGTTGTATT<br/> ACATTTTCACAAAGCCTGCTTTGAAAGCTGGCAAACTGCAAGTTACATGTTACCATAT<br/> TACACATGGGAGGACCCATACACATTGTTATTTTTAAATTTAACATTGAACAAAAAAG<br/> GAGGAATCACTTAACCTGGAAACAAAACACCAAGTTAGTCAGTGAATGGTCAAGAGCA<br/> GGACAAGCCTGCCAGGGCCACTGAACTCCAGTCACAAGTGGTCAAAGTATGACCGAGAA<br/> CAACTGGATGCAGGAACATCAGCACAAAATACAGATGGGAATATTCTCGGGAGTGGTACA<br/> TCACCATCTTGATGTGAGGGATATTGTGTCAGAAGGGTATTACACTTTCAAATAACCA<br/> GGGCTAGTAGGTATTAGTACCAGATGGGGAACAGNCATGGTGTGGCATGCCTTGTNAA<br/> NGCCTGCGCTGTTTATCTAAAAGTAGATTTCTGAAAANATTGTCAGTAGCATCAGAAA<br/> GAGCCCT</p>                                                      |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>                        | NM_015463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Insert Size:</b>                 | 1750 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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>RefSeq:</b>                | <u>NM_015463.1, NP_056278.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 1697 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 495 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 25927                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q96F85</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 2p14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Summary:</b>          | <p>This gene encodes a protein that interacts with the C-terminal tail of cannabinoid receptor 1. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (CRIP1a) represents the longer transcript and encodes the longer isoform (CRIP1a).</p>                                                                                                                                                                  |