

Product datasheet for **SC115214**

Calcipressin 3 (RCAN3) (NM_013441) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Calcipressin 3 (RCAN3) (NM_013441) Human Untagged Clone
Tag: Tag Free
Symbol: Calcipressin 3
Synonyms: DSCR1L2; hRCN3; MCIP3; RCN3
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_013441 edited
 GAATTCGGCACGAGGCTCGTGCCGAATTCGGCACGAGGGTCCGCTGCCCTCCCGGCTCC
 CGTCTCGCGCGCGGGCGGTGCAGGTGAGGCCCCACGGCGCCCGCCTCTCCAGCAGTG
 GGTGCCTGATAGACATCCTAGGACTATACAGAAGGAAAAGGCCCACTTTGGGGGATAATG
 CTGAGGGACACTATGAAATCTTGAATGATAGCCAGTCAGATCTGTGTAGCACTGACCAA
 GAAGAGGAAGAAGAGATGATTTTTGGTGAATGAAGATGATTTGGATGAGATGATGGAT
 TTAAGTGTCTGCCTACCTCACTTTTTGCTTGCAGCGTCCATGAAGCAGTGTGGAGGCA
 CGAGAGCAGAAGGAAAGATTTGAAGCACTCTTACCATCTATGATGACCAGGTTACTTTT
 CAGCTGTTTTAAAGCTTTAGAAGAGTCAGAATAAATTTTCAGCAAACCTGAAGCGGCAGCA
 AGAGCGGAATAGAACTCCAGAAACAGACTTCAATGGGCAGAAGCTAAAGCTATATTTT
 GCACAGGTGCAGATGTCCGGCGAAGTGGCGGACAAGTCCATCTCCTGCCACCCAGCCT
 GTC AAGCAGTTCCCTCATCTCCCTCCAGCCTCTCCCCAGTGGGGTGGAAGCAGAGCGAA
 GATGCGATGCCTGTTATAAATTATGATTTACTCTGTGCTGTTTCCAAATTGGGACCAAGGA
 GAGAAATATGAACCTCACGCGGGAACAGAGTCGACACCCAGCGTGGTGGTTCATGTCTGT
 GAAAGTGAACCTGAAGAGGAAGAAGAGACAAAAACCCCAACAGAAAATGGCCAGACA
 AGGCGCCCGACCTCCGACCGCAGCGTTGAATGAGCCCCAGACCTTTGATTGCGCGCTG
 TGAGGCCCTTGGTTGTGGTGCAGGCGGCTGCCCTGGTGGGCTCTGGCCATGGCGCTCTG
 TGCCTGCGGCCGATGCGTTGCTGCGAACAGCATAGGTGAGACTGCGCGAGTGAGGTATA
 GGTCTTCTCACCACGCCCTGACTGCAGACACGGTCGTGTAGAGTAGCAGCTGATTTTGACC
 TGTCCAGATTTTAAAGTATTTCCAAAAGGGACTTTACATTAAGGAGAGAAGCCCAAG
 ATGTGGCCACCCTTAACCATTTTTAAATAGTAACAAATTAGGAAAACAGCTCCCTCCCT
 TCCAGCCATGTAAGTCTCCTGATTCTGTATCACATGAGACACCAAAAAGTGGAAATGTA
 GTCACACCCAGTACAGTACCATTTTTATGAATTTAAAAATAGTCTTATAATTTTAAATTG
 TTTGTGGGTATTTTTCTACTGGTATAAATAGCTTCTAATTAATAAATCGATCAAAGGTTX
 XXXXXXXXXXXXXXXCTCGAC



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013441 unedited
 GGTCTGGGATTTTAAAAACACGATTTCACTATANNGGCGGCCGCGCAATTCGGCACGAGGC
 CTCGTGCCGAATTCGGCACGAGGGTCCGCTGCCCTCCCGCTCCCGTCTGCGGCGGCGG
 GGCGTGCAAGTGAGGCCCCACGGCGCCCGGCTCTCCAGCAGTGGGTGCCTGATAGACAT
 CCTAGGACTATACAGAAGGAAAAGGCCACTTTGGGGGATAATGCTGAGGGACACTATGA
 AATCTTGGAAATGATAGCCAGTCAGATCTGTGTAGCACTGACCAAGAAGAGGAAGAAGAGA
 TGATTTTTGGTGAAGATGAAGATGATTTGGATGAGATGATGGATTTAAGTGATCTGCCTA
 CCTCACTTTTTGCTTGCAGCGTCCATGAAGCAGTGTGGAGGCACGAGAGCAGAAGGAAA
 GATTTGAAGCACTCTTACCATCTATGATGACCAGTTACTTTTTAGCTGTTTAAAGCT
 TTAGAAGAGTCAGAATAAATTTAGCAAACCTGAAGCGGCAGCAAGAGCGCGAATAGAAC
 TCCACGAAACAGACTTCAATGGGCAGAAGCTAAAGCTATATTTTGCACAGGTGCAGATGT
 CCGGCGAAGTGCGGGACAAGTCTATCTCTGCCACCCAGCCTGTCAAGCAGTTCCTCA
 TCTCCCTCCAGCCTCTCCCCAGTGGGTGAAAGCAGAGCGAAGATGCGATGCCTGTTA
 TAAAATATGAATTACTCTGTGCTGTTTCAAATTTGGGACCAGGAGAGAAAATGAACTTCC
 CGCGGGACCGAGTCCAACCCACCGTGGTCTCATGTCTGCGAAAGGGAAGTGAACAGAA
 GAAAACACAAAACCCAAACCAAAAATTGCCATAAAGCGCCCCGACCTCGCCGCAGTTG
 ATGACCCCAACCTTGATGCGCCCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_013441 unedited
 GCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCAAACCTGCAGAGTAAATTTATTGGG
 TGGTTGTCGGTAAAATGACAAATGATGATCTGAATTCATTAATTAATTTGCTGATAGA
 ATTGCAAATTTCAACTGAATTTACATTGAGGCCTACCAGTGGTAGTTGGTACAACCTGGA
 ACAGTTTATCACCTCAGGTATTTGAGGGCAAGGAAGATACAGAAAAAAAAAAAAATTAGG
 GGTATGCAACACAGTTTAAAGTGCTCAGAAATAAATTTACCACAGTGAGAACGAAACCAC
 AATGACATGTTACTAACACTGTGCAGACGTCATGGTTGAATGCCTGCGTTCTGTTCTTTC
 CTGGTGGCAGCCGCTTGGTTCATTAGTCTCATGTTTGCAGCTCCTTCACATGCCCCGG
 AGCTTCCCAAGTGTGCCACTCAAAGGAAACAGCACAGTGAAGTGGAGGCCACCAGACCCAC
 CCGGCCAAAACAGAGCCTTCTCAGTTATGAGACTTTTCTACAGAGGGGACTTCAAAGTC
 TTAACAGACCAGAGAGAGTTAAAAGATCCTGCTGCTTCTTAGGGAAATCAAGGTACCT
 TCTGACACCTAGTGGGAACAATCTGTTAAGAAAGTGCCAACTGCAATCCCGGGACCAA
 ATTTAACCAAAAAGAAAAGTAAACCTGATGGATCTCCCCCTCATTCTTAATCATAGAAAA
 TAAAAGGTGTGATTTTTGTTCAAAGCAGCTGAAAAGGGTTAATGGACAATTTACAAATG
 GCTTTAAAACCCCTTATATTACCTTTTTTAAAGTAAAGGCCATGAAGGACTACATAAAC
 GTCCTCTTTATCCAAAACCTAAGACCTTGGGTACACCAACTGGAACGGGGAGGATAAA
 ACTGGGAAGAAGGACCGGGCGGGTCAAGGTTAAACCGGGCAACGCGAATCCACCCCTG
 GAACTATTTAACTTCGGGAAACCCCTTAT

Restriction Sites:

NotI-NotI

ACCN:

NM_013441

Insert Size:

2680 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_013441.2](#), [NP_038469.1](#)

RefSeq Size: 1700 bp

RefSeq ORF: 726 bp

Locus ID: 11123

UniProt ID: [Q9UKA8](#)

Cytogenetics: 1p36.11

Domains: Calcipressin

Gene Summary: Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development (By similarity). [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1-4 encode the same isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.