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# Product datasheet for SC330254

## Calcipressin 3 (RCAN3) (NM_001251984) Human Untagged Clone

### Product data:

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| **Product Type:** | Expression Plasmids |
| **Product Name:** | Calcipressin 3 (RCAN3) (NM_001251984) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Calcipressin 3 |
| **Synonyms:** | DSCR1L2; hRCN3; MCIP3; RCN3 |
| **Vector:** | pCMV6-Entry (PS100001) |
| **Fully Sequenced ORF:** | >SC330254 representing NM_001251984.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s)<br><br>ATGTCCGGCGAAGTGCGGGACAAGTCCTATCTCCTGCCGCCCCAGCCTGTCAAGCAGTTCCTCATCTCC<br>CCTCCAGCCTCTCCCCCGGTGGGGTGGAAGCAGAGCGAAGATGCGATGCCTGTTATAAATTATGATTTA<br>CTCTGTGCTGTTTCCAAATTGGGACCAGGAGAGAAATATGAACTTCACGCGGGAACAGAGTCGACACCC<br>AGCGTGGTGGTTCATGTCTGTGAAAGTGAAACTGAAGAGGAAGAAGAGACAAAAAACCCCAAACAGAAA<br>ATTGCCCAGACGAGGCGCCCCGACCCTCCGACCGCAGCGTTGAATGAGCCCCAGACCTTTGATTGCGCG<br>CTGTGA |
| **Restriction Sites:** | SgfI-MluI |
| **ACCN:** | NM_001251984 |
| **Insert Size:** | 351 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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. |

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| **RefSeq:** | NM_001251984.1 |
| **RefSeq Size:** | 2392 bp |
| **RefSeq ORF:** | 351 bp |
| **Locus ID:** | 11123 |
| **UniProt ID:** | Q9UKA8 |
| **Cytogenetics:** | 1p36.11 |
| **MW:** | 12.7 kDa |
| **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]<br>Transcript Variant: This variant (9) differs in the 5' UTR exon and lacks an internal exon, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (5) is shorter at the N-termius, compared to isoform 1. Variants 8 and 9 encode the same isoform 5.<br>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. |