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Product datasheet for SC332160

Calcipressin 3 (RCAN3) (NM_001251982) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calcipressin 3 (RCAN3) (NM_001251982) Human Untagged Clone
Tag:	Tag Free
Symbol:	Calcipressin 3
Synonyms:	DSCR1L2; hRCN3; MCIP3; RCN3
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332160 representing NM_001251982. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGCTGAGGGACACTATGAAATCTTGGAATGATAGCCAGTCAGATCTGTGTAGCACTGACCAAGAAGAG GAAGAAGAGATGATTTTTGGTGAAAATGAAGATGATTTGGATGAGATGATGGATTTAAGTGATCTGCCT ACCTCACTTTTTGCTTGCAGCGTCCATGAAGCAGTGTTTGAGGCACGAGAGCAGAAGGAAAGATTTGAA GCACTCTTCACCATCTATGATGACCAGGTTACTTTTCAGCTGTTTAAAAGCTTTAGAAGAGTCAGAATA AATTTCAGCAAACCTGAAGCGGCAGCAAGAGCGCGAATAGAACTCCACGAAACAGACTTCAATGGGCAG AAGCTAAAGCTATATTTTGCACAGGAGAGAAATATGAACTTCACGCGGGAACAGAGTCGACACCCAGCG TGGTGGTTCATGTCTGTGAAAGTGAAACTGAAGAGGAAGAAGAGACAAAAAACCCCAAACAGAAAATTG CCCAGACGAGGCGCCCCGACCCTCCGACCGCAGCGTTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001251982
Insert Size:	522 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).

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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_001251982.1
RefSeq Size:	2361 bp
RefSeq ORF:	522 bp
Locus ID:	11123
UniProt ID:	Q9UKA8
Cytogenetics:	1p36.11
MW:	20.7 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] Transcript Variant: This variant (7) lacks an exon in the coding region, which results in a frame-shift, compared to variant 1. The resulting isoform (4) has a shorter and distinct C-terminus, compared to 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.