

Product datasheet for **SC330251**

DSCR1L1 (RCAN2) (NM_001251973) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DSCR1L1 (RCAN2) (NM_001251973) Human Untagged Clone
Tag: Tag Free
Symbol: DSCR1L1
Synonyms: CSP2; DSCR1L1; MCIP2; RCN2; ZAKI-4; ZAKI4
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330251 representing NM_001251973.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGGGGAGAATCATACTTCATCGGAATGAGGAGCCAGGGCAGCAGGGACACGTCCCTGAAGATGGA
 GGACTTTTCTTACTGTGCTGCATAGACAGGGACTGGGCTGTCACTCGTTGTTTGCAGAAGAAGCCTTT
 CAAGCAATCACTGACTTCAATGACCTCCCCAACTCGTTGTTTGCCTGCAATGTTCAACAGTCAGTGT
 GAAGGAGAAGAGAGCAAGGAAAAATTTGAGGGACTGTTTCGGACTTATGATGACTGTGTGACGTTCCAG
 CTATTTAAGAGTTTCAGACGTGTCCGTATAAACTTCAGCAATCCTAAATCTGCAGCCGAGCTAGGATA
 GAGCTTCATGAAACCAATTGAGAGGAAAAATTAAGCTCTACTTTGCACAGGTTTCAGACTCCAGAG
 ACAGATGGAGACAACTGCACTTGGCTCCACCCAGCCTGCCAAACAGTTTCTCATCTCGCCCCCTTCC
 TCCCCACCTGTTGGCTGGCAGCCATCAACGATGCCACGCCAGTCCTCAACTATGACCTCCTCTATGCT
 GTGGCCAACTAGGACCAGGAGAGAAGTATGAGCTCCATGCAGGGACTGAGTCCACCCCAAGTGTGCTC
 GTGCACGTGTGCGACAGTGACATAGAGGAAGAAGAGGACCCAAAGACTTCCCAAAGCCAAAAATCATC
 CAACTCGGCGTCTGCTGCCACCCTCCGTGTCCAAC**TGA**

Restriction Sites: SgfI-MluI
ACCN: NM_001251973
Insert Size: 732 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_001251973.1](#)

RefSeq Size: 3363 bp

RefSeq ORF: 732 bp

Locus ID: 10231

UniProt ID: [Q14206](#)

Cytogenetics: 6p12.3

MW: 27.3 kDa

Gene Summary: This gene encodes a member of the regulator of calcineurin (RCAN) protein family. These proteins play a role in many physiological processes by binding to the catalytic domain of calcineurin A, inhibiting calcineurin-mediated nuclear translocation of the transcription factor NFATC1. Expression of this gene in skin fibroblasts is upregulated by thyroid hormone, and the encoded protein may also play a role in endothelial cell function and angiogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

Transcript Variant: This variant (3, also known as beta-2) differs in the 5' UTR and uses an alternate start codon, compared to variant 1. Variants 2 and 3 encode the same isoform (2, also known as beta), which is longer and has a distinct N-terminus, compared to isoform 1.