

Product datasheet for **SC214158**

RCCD1 (NM_033544) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RCCD1 (NM_033544) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RCCD1
ACCN: NM_033544
Insert Size: 1386 bp
Insert Sequence: >SC214158 3'UTR clone of NM_033544

The sequence shown below is from the reference sequence of NM_033544. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGTATGTGTGGAGAAAGGGAAGAGCTGACATGTGTACGTATATGTATATGCAACACCTGTGAGACCC
CCATTCAGGTCAAGGAAAACCATTGCCTGCACCCCAAGGGCCCCATATTTGCCCTCCCCATCACAGTC
CTGCCCTTCAACCTCAAGCACGGTCCTAAACTTGTCTGCACTTTAGAAACACCTGGAGAGCATTGAAAA
CTCTGCTGCCTAAGGTCAGCATCAATCAAACAATGAAATCAATGAAACAATGAAACCAGAGCTTCTAG
GTGTGTGGCCTGGATAGTGGTAGATTCAAAGCTCCACCCACCTCATCCCAGGTACATTTGATGTGCAGC
TGAGATTGGGGCACATCCAGGTCATCGTCTTCTGTGAGTCATTTCCCTGCTTTGTTGAAATTTACC
ATTCTGTATGCAGCCTTATACGACATAGTTGTGTTTGTCTTTGAGTGTTAGATAAATGGAATCCTGTG
TATGTGCTTTTGTGTCGTTTTTGTCACTCAGCATTGTATAATCCATCCTTGTGGGTCTGGAGTTCAT
TTTTAATGCTATATGGTGTCTGTTGTATGAATAATACCTCAAGTGATACAGCCTTGTGATGGTCATT
TTTATTGTTTCTGATTTTGGTCATTCCACATAATTCTTTGTGCACTTCTGCACATGTGCACAAGTTC
CTTTGCAGAACATTGAGTTGAATTGCTAAGTCAGGAGATACCTTTAATTTTACTAGATAACTGTTGCC
CCAGCAGGTGGGTCTACTGTGGCTAAAATGTCAAGTAGATGCACACTGGTTTTAATTGGCATTTC
TGGATACTGATGAGGTTGAGTAGCTTTTCAATTTGTTTGGATGGCTGGGCATGGTGGCTCACACCTGTA
GTCCCAGCACTTTGGGAGGCTAAGCAGGGAGATTGCTTGAGGCGAAGAGTTCATATGTTTATTGGCCAC
TTGGAGTTTTTCTGTTGTCAAGTGCCTGTTCAAGTTTTCTGGCCTTTTAAAATGTTCTGTATTTCTT
AGTGATTTTTCTTTGGATATTTAGATACAAGTCTTTGAGAGTTAGTATTCAGAGTATCTTCTGCTA
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AGGTAAGGCTCAAAGTGTCTTACAAGTATCAACTTATTTTGATAAAAATAAGCTTATCAGTAGTTTTCTT
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TTTTATTGTTGTTAAAATATACTGAACATAAAAATTTATGTTCAATAAAAAACAAAAATTGTTTTAAACA
TTTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_033544.3</u>
Summary:	Plays a role in transcriptional repression of satellite repeats, possibly by regulating H3K36 methylation levels in centromeric regions together with KDM8 (PubMed:24981860). Possibly together with KDM8, is involved in proper mitotic spindle organization and chromosome segregation (PubMed:24981860). Plays a role in regulating alpha-tubulin deacetylation and cytoskeletal microtubule stability, thereby promoting cell migration and TGF-beta-induced epithelial to mesenchymal transition (EMT), potentially through the inhibition of KDM8 (PubMed:28455245).[UniProtKB/Swiss-Prot Function]
Locus ID:	91433
MW:	53