

Product datasheet for **SC329357**

RREB1 (NM_001003700) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | RREB1 (NM_001003700) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RREB1 |
| Synonyms: | FINB; HNT; LZ321; RREB-1; Zep-1 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001003700, the custom clone sequence may differ by one or more nucleotides |

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ATGACGTC AAGTTCGCCGCTGGCTTGAAGGTT CAGAC TATCTCCATCAACACCATG
ATGTCGGCGGT CATGAGTGTAGGGAAGGTCACAGAGAATGGCGGAGCCCCAGGGGATC
AAGTCCCCCTCGAAGCCTCCAGGACCAAATCGGATTGGCAGAAGGAACCGAAACGAAA
GAGGAGAAGTCTTCTATAACTGCCCTGTGTGAGAAGATTTGCACTACCCAGCACCAG
CTGACCATGCACATTCGCCAGCACAAACACAGACTGGAGGAGCCGACCACTCATGCAGC
ATCTGCGGAAAGTCACTGAGCTCGGCCAGCTCCCTCGATCGCCACATGCTGGTGCAC TCT
GGCGAGAGGCCTTACAAGTGCAC TGTGTGGCCAGTCATTTACCACCAATGGGAACATG
CACAGACATATGAAGATCCATGAGAAGGACCCTAACAGTGCACAGCCACAGCCCCTCCA
TCTCCTCTGAAACGTAGGCGATTGTCCTCCAAGAGGAAACTGAGTCACGATGCCGAGTCA
GAGAGAGAAGACCCAGCACCAGCTAAAAAGATGGTAGAAGACGGGCAGTCAGGTGACTTG
GAGAAGAAAGCTGATGAAGTCTTCACTGCCCAGTATGTTTCAAGGAGTTTGTGGCAAG
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TGTGTACCTTTTGAACACATCGAGGACTGCTGCGTCACAACGCGCTTGTCCACAAACAA
CTTCCCAGGGATGCAATGGGCAGACCTTTCATACAGAACAACCCCTCAATTCTGCTGGC
TTCCACGACTTAGGATTCACGGACTTCTCCTGTAGGAAGTTTCTCGCATTTCTCAGGCC
TGGTGCGAAACAAACCTGCGGAGGTGCATCAGCGAGCAACACCCGTTTTGTCTGCGACACC
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CCCTTCCAGAAGGGCTTCATCATCCAGCCTGACAGCAGCATTGTGGTCAAGCCCATCTCT
GGCGAGTCGGCCATCGAGCTGGCAGACATCCAGCAAATCTGAAGATGGCAGCCTCGGCT
CCCCCTCAGATCAGTCTCCGCCCTTCTCCAAGGCCCTGCCGCCCACTGCAGGCGATC

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TTCAAGCACATGCCCCCTCTGAAGCCAAAGCCCCTGGTCACACCACGGACGGTGGTGGCC
 ACCTCCACGCCCCCGCTCTCATCAACGCCAGCAGGCTTCCCCGGGCTGTATCAGCCCC
 AGCCTGCCGCCACCGCCCCTGAAGCTCCTCAAAGGCTCAGTGGAGGGCGCCTCCAACGCC
 CACCTGCTGCAGTCCAAGTCCGGGACCCAGCCCCACGCGGCCACGCGGCTCTCCCTGCAG
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 CACGTGCGCTCCACCTGGGCATCTCGCCATACCAGTGCAACATCTGCGACTACATCGCC
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 GTAACCTTTGGGGCCAGCGGAATCCTGGAAGCCCATGGCCCTGCTCCGGCGGCCACC
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 GAAGAGCAGGGCAGTCCCCAGAAGACAAGCTGCTGAGGGCCAAGCGGAACCTCGTACACC
 AACTGCCTGCAGAAGATCACCTGTCCCCACTGTCCCGGGTTTTCCCTTGGGCCAGCTCC
 CTACAGAGGCACATGCTCACACACACTGGTCAGAAACCCCTCCCTTGTCAAAAATGCGAT
 GCCTTCTTTTCTACCAAATCTAACTGTGAACGCCACCAGTTGCGCAAACACGGAGTTACC
 ACCTGTTCCCTGAGAAGAACGGGCTTATCCCCAGTCAAAGAGAGTGATGTTGGATCC
 CATGATAGCACAGGGGAAAGGCCATACAAATGTGACACCTGCGAGCGAACCTTACCTTG
 AAGCACAGCCTGGTTCGCCACCAGCGGATCCACCAGAAAGCCAGGCATGCCAAACACCAC
 GGGAAAGGACAGCGACAAGGAAGAGCGGGGTGAGGAGGACAGCGAGAATGAGTCCACCCAC
 AGCGGCAACAACGCCGTCTCAGAGAACGAGGCTGAGCTGGCTCCCAATGCCAGCAACCAC
 ATGGCTGTCAACCGAGCCGGAAGGAGGGCTTGGCCAGTGCCACCAAGGACTGCAGCCAC
 AGGGAGGAGAAGTGCAGGCAGGCTGGCCGTCTGAGCCTGGCCAGGGTGACCTTAACCCA
 GAGAGCCCGCGGCCCTGGGGCAGGACCTGCTGGAGCCGCGCAGCAAGAGGCCTGCCAC
 CCAATCCTGGCCACAGCTGATGGCGCCTCCAGCTCGTGGGGATGGAGTGA

Restriction Sites:

Please inquire

ACCN:

NM_001003700

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| 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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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: | <ol style="list-style-type: none">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_001003700.1 , NP_001003700.1 |
| RefSeq Size: | 7935 bp |
| RefSeq ORF: | 4431 bp |
| Locus ID: | 6239 |
| UniProt ID: | Q92766 |
| Cytogenetics: | 6p24.3 |
| Gene Summary: | <p>The protein encoded by this gene is a zinc finger transcription factor that binds to RAS-responsive elements (RREs) of gene promoters. It has been shown that the calcitonin gene promoter contains an RRE and that the encoded protein binds there and increases expression of calcitonin, which may be involved in Ras/Raf-mediated cell differentiation. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (4) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>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.</p> |