

Product datasheet for **SC211898**

RED1 (ADARB1) (NM_015834) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RED1 (ADARB1) (NM_015834) Human 3' UTR Clone
Symbol: RED1
Synonyms: ADAR2; DRABA2; DRADA2; NEDHYMS; RED1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_015834
Insert Size: 1035 bp
Insert Sequence: >SC211898 3'UTR clone of NM_015834
 The sequence shown below is from the reference sequence of NM_015834. 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
AAGGAGTACCAGGCCCAAGGTACACTGAGGAGGGGACGGCTCCGTCTTCACATTGTGCACAGATCTG
AGGATGGGATTAGCGAAGCTGTGGAGACTGCACATCCGGACCTGCCCATGTCTCAAACAAACACATGT
ACAGTGGCTCTTTTCTTCTCAAACACTTTACCCCAAGCAGGTGGTCTGCCCCAGGCATAAAGAAG
GAAAATTGGCCATCTTTCCACCTCTAAATTCTGTAAAATTATAGACTTGCTCAAAGATTCTTTTTTA
TCATCCCCACGCTGTGTAAGTGGAAAGGCATTGTGTTCCGTGTGTGCCAGTTTACAGCGTCTCTGCC
CCCTAGCGTGTGTTGTGACAATCTCCCTGGGTGAGGAGTGGGTGCACCCAGCCCCGAGGCCAGTGGTTG
CTCGGGGCTTCCGTGTGAGTTCTAGTGTTCACCTTGATGCCGGGGAATAGAATTAGAGAAAACCTGAC
CTGCCGGGTTCCAGGGACTGGTGGAGGTGGATGGCAGGTCCGACTCGACCATGACTTAGTTGTAAGGGT
GTGTCGGCTTTTTTCAGTCTCATGTGAAAATCCTCCTGTCTCTGGCAGCACTGTCTGCACTTTCTGTTT
ACTGTTTGAAGGGACGAGTACCAAGCCACAAGAACAACACTTCTTTTGGCCACAGCATAAGCTGATGGTATG
TAAGGAACCGATGGGCCATTAACATGAACGTTAAAAGCACAGTCTATGGAACGCTAATGGAG
TCAGCCCCATAAGCTGTTTGTCTTTTTCAGGCTTTGGATTACATGCTTTTAAATTTGATTTTGAATCTGG
ACACTTTCTATGAATGTAAATTCGGCTGAGAAACATGTTGCTGAGATGCAATCCTCAGTGTCTCTGTAT
GTAATCTGTGTATACACCACACGTTACAACCTGCATGAGCTTCTCTCGACAAGACCAGCTGGAACCTG
AGCATGAGACGCTGTCAAATACAGACAAAGGATTTGAGATGTTCTCAATAAAAAGAAAATGTTTCACTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	NM_015834.4
Summary:	This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. Alternative splicing of this gene results in several transcript variants, some of which have been characterized by the presence or absence of an ALU cassette insert and a short or long C-terminal region. [provided by RefSeq, Jul 2008]
Locus ID:	104
MW:	38.9