

## Product datasheet for **SC211899**

### RED1 (ADARB1) (NM\_001160230) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RED1 (ADARB1) (NM\_001160230) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ADARB1  
**Synonyms:** ADAR2; DRABA2; DRADA2; NEDHYMS; RED1  
**ACCN:** NM\_001160230  
**Insert Size:** 1035 bp  
**Insert Sequence:** >SC211899 3'UTR clone of NM\_001160230  
The sequence shown below is from the reference sequence of NM\_001160230. 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
AAGGAGTACCAGGCCCAAGGTACACTGAGGAGGGACGGCTCCGTCTTCACATTGTGCACAGATCTG
AGGATGGGATTAGCGAAGCTGTGGAGACTGCACATCCGGACCTGCCCATGTCTCAAACAACACATGT
ACAGTGGCTCTTTTTCTCTCAAACACTTTACCCAGAAAGCAGGTGGTCTGCCCCAGGCATAAAGAAG
GAAAATTGGCCATCTTTCCACCTCTAAATTCTGTAAAATTATAGACTTGCTCAAAGATTCTTTTTTA
TCATCCCCACGCTGTGTAAGTGGAAAGGCATTGTGTTCCGTGTGTCCAGTTTACAGCGTCTCTGCC
CCCTAGCGTGTGTTGTGACAATCTCCCTGGGTGAGGAGTGGTGCACCCAGCCCCGAGGCCAGTGGTTG
CTCGGGGCCTTCCGTGTGAGTTCTAGTGTTCACCTGATGCCGGGGAATAGAATTAGAGAAACTCTGAC
CTGCCGGGTTCCAGGGACTGGTGGAGGTGGATGGCAGGTCGACTCGACCATGACTTAGTTGTAAGGGT
GTGTCGGCTTTTTCAGTCTCATGTGAAAATCCTCCTGTCTCTGGCAGCACTGTCTGCACCTTCTTGTGTT
ACTGTTTGAAGGGACGAGTACCAAGCCACAAGAACAACCTCTTTTTGGCCACAGCATAAGCTGATGGTATG
TAAGGAACCGATGGGCCATTAACATGAACTGAACGGTTAAAAGCACAGTCTATGGAACGCTAATGGAG
TCAGCCCCTAAAGCTGTTTGCTTTTTTCAGGCTTTGGATTACATGCTTTTAATTTGATTTTGAATCTGG
ACACTTCTATGAATGTAATTCGGCTGAGAAACATGTTGCTGAGATGCAATCCTCAGTGTCTCTGTAT
GTAATCTGTGTATACACCACACGTTTAACTGCATGAGCTTCTCTCGCACAAGACCAGCTGGAACCTG
AGCATGAGACGCTGTCAAATACAGACAAAGGATTTGAGATGTTCTCAATAAAAAGAAAATGTTTCACTA
ACCGGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001160230.2</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	104
<b>MW:</b>	38.9