

## Product datasheet for **SC215073**

### Adenosine A1 Receptor (ADORA1) (NM\_001048230) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Adenosine A1 Receptor (ADORA1) (NM_001048230) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADORA1
Synonyms:	RDC7
ACCN:	NM_001048230
Insert Size:	1535 bp



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**Insert Sequence:** >SC215073 3'UTR clone of NM\_001048230  
 The sequence shown below is from the reference sequence of NM\_001048230. 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
GATCTCCAGAGAAGAGAGGCCTGATGACTAGACCCCGCCTCCGCTCCACACGCCACATCCAGTGGGG
TCTCAGTCCAGTCTCACATGCCCGCTGTCCAGGGGTCTCCCTGAGCCTGCCCCAGCTGGGCTGTTGG
CTGGGGGCATGGGGGAGGCTCTGAAGAGATACCCACAGAGTGTGGTCCCTCCACTAGGAGTAACTACC
CTACACCTCTGGGCCCTGCAGGAGGCCTGGGAGGGCAAGGGTCTACGGAGGGACCAGGTGTCTAGAGG
CAACAGTGTCTGAGCCCCACCTGCCTGACCATCCCATGAGCAGTCCAGAGCTTCAGGGCTGGGCAGG
TCCTGGGAGGCTGAGACTGCAGAGGAGCCACCTGGGCTGGGAGAAGGTGCTTGGCTTCTGCGGTGAG
GCAGGGGAGTCTGCTTGTCTTAGATGTTGGTGGTGCAGCCCCAGGACCAAGCTTAAGGAGAGGAGAGCA
TCTGCTCTGAGACGGATGGAAGGAGAGAGTGGAGATGCACTGGCCTGTTCTGTAGGAGAGACTGGCC
AGAGGCAGCTAAGGGGCAGGAATCAAGGAGCCTCCGTTCCACCTCTGAGGACTCTGGACCCAGGCCA
TACCAGGTGCTAGGGTGCCTGCTCTCCTTGGCCCTGGGCCAGCCAGGATTGTACGTGGGAGAGGCAGAA
AGGGTAGGTTTCAATAATCTTCTGATATTTGCTGGAGTGTGGCTCCACGCCCTGGGGAGTGAGCTTG
GTGCGGTAGGTGCTGGCCTCAAACAGCCACGAGGTGGTAGCTCTGAGCCCTCCTTCTTGGCCCTGAGCTT
TCCGGGGAGGAGCCTTGGAGTGTAACTACCTGTCTGCTGCTTCTGGGCCACCAGCTCCACTGGCCTGCCCGTTGC
CGGGCCTGGACTGTCTAGGTGACCCCATCTCTGCTGCTTCTGGGCCTGATGGAGAGGAGAACTAGA
CATGCCAACTCGGGAGCATTCTGCCTGCCTGGGAACGGGTGGACGAGGGAGTGTCTGTAAGGACTCAG
TGTTGACTGTAGGCGCCCTGGGGTGGGTTAGCAGGCTGCAGCAGGAGAGAGTACCCCTGAG
AGCATGTGGGGGAAGGCCTTGTGTCTATGTAATCCCTCAATACCCTAGTATCTGGCTGGGTTTTAG
GGCTTTGGAAGCTCTGTTGCAGGTGTCCGGGGTCTAGGACTTTAGGGATCTGGGAAGGACCAACCC
ATGCCCTGCCAAGCCTGGAGCCCTGTGTTGGGGGCAAGGTGGGGGAGCCTGGAGCCCTGTGTGGGA
GGGCGAGGCGGGGAGCCTGGAGCCCTGTGTGGGAGGGCGAGGCGGGGATCCTGGAGCCCTGTGTGC
GGGGGGCAGGGAGGGAGGTGGCCGTCGAGTTGACCTTCTGAACATGAGTGTCAACTCCAGGACTTGC
TTCCAAGCCCTTCCCTCTGTTGAAATTGGGTGTGCCCTGGCTCCCAAGGGAGGCCCATGTGACTAATA
AAAACTGTGAACCCTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**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\\_001048230.2](#)

**Summary:**

The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

134

**MW:**

54.8