

Product datasheet for **SC215074**

Adenosine A1 Receptor (ADORA1) (NM_000674) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Adenosine A1 Receptor (ADORA1) (NM_000674) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADORA1
Synonyms:	RDC7
ACCN:	NM_000674
Insert Size:	1535 bp



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Insert Sequence: >SC215074 3'UTR clone of NM_000674
 The sequence shown below is from the reference sequence of NM_000674. 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
GATCTCCAGAAAGAGAGGCCTGATGACTAGACCCCGCCTCCGCTCCACACGCCACATCCAGTGGGG
TCTCAGTCCAGTCTCACATGCCCGCTGTCCAGGGGTCTCCCTGAGCCTGCCCCAGCTGGGCTGTTGG
CTGGGGGCATGGGGGAGGCTCTGAAGAGATACCCACAGAGTGTGGTCCCTCCACTAGGAGTTAACTACC
CTACACCTCTGGGCCCTGCAGGAGGCCTGGGAGGGCAAGGGTCTACGGAGGGACCAGGTGTCTAGAGG
CAACAGTGTCTGAGCCCCACCTGCCTGACCATCCCATGAGCAGTCCAGAGCTTCAGGGCTGGGCAGG
TCCTGGGAGGCTGAGACTGCAGAGGAGCCACCTGGGCTGGGAGAAGGTGCTTGGCTTCTGCGGTGAG
GCAGGGGAGTCTGCTTGTCTTAGATGTTGGTGGTGCAGCCCCAGGACCAAGCTTAAGGAGAGGAGAGCA
TCTGCTCTGAGACGGATGGAAGGAGAGAGTGGAGATGCACTGGCCTGTTCTGTAGGAGAGACTGGCC
AGAGGCAGCTAAGGGGCAGGAATCAAGGAGCCTCCGTTCCACCTCTGAGGACTCTGGACCCAGGCCA
TACCAGGTGCTAGGGTGCCTGCTCTCCTTGGCCCTGGGCCAGCCAGGATTGTACGTGGGAGAGGCAGAA
AGGGTAGGTTTCAATAATCATTTCTGATATTTGCTGGAGTGTGGCTCCACGCCCTGGGGAGTGAGCTTG
GTGCGGTAGGTGCTGGCCTCAAACAGCCACGAGGTGGTAGCTCTGAGCCCTCCTTCTTGGCCCTGAGCTT
TCCGGGGAGGAGCCTTGGAGTGTAACTACCTGTCTGCTGCTTCTGGGCCACCAGCTCCACTGGCCTGCCCGTTGC
CGGGCCTGGACTGTCTAGGTGACCCCATCTCTGCTGCTTCTGGGCCTGATGGAGAGGAGAACTAGA
CATGCCAACTCGGGAGCATTCTGCCTGCCTGGGAACGGGTGGACGAGGGAGTGTCTGTAAGGACTCAG
TGTTGAGTGTAGGCGCCCTGGGGTGGGTTAGCAGGCTGCAGCAGGCAGAGGAGAGTACCCCTGAG
AGCATGTGGGGGAAGGCCTTGTGTGATGTAATCCCTCAATACCCTAGTATCTGGCTGGGTTTTTCAG
GGGCTTTGGAAGCTCTGTTGCAGGTGTCCGGGGTCTAGGACTTTAGGGATCTGGGAAGGACCAACCC
ATGCCCTGCCAAGCCTGGAGCCCCTGTGTTGGGGGCAAGGTGGGGGAGCCTGGAGCCCCTGTGTGGGA
GGGCGAGGCGGGGAGCCTGGAGCCCCTGTGTGGGAGGGCGAGGCGGGGATCCTGGAGCCCCTGTGTC
GGGGGGCAGGGAGGGGAGGTGGCCGTCGAGTTGACCTTCTGAACATGAGTGTCAACTCCAGGACTTGC
TTCCAAGCCCTCCCTCTGTTGAAATTGGGTGTGCCCTGGCTCCCAAGGGAGGCCCATGTGACTAATA
AAAACTGTGAACCCTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_000674.3](#)

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