

## Product datasheet for **SC210896**

### Angiotensin II Type 1 Receptor (AGTR1) (NM\_031850) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Angiotensin II Type 1 Receptor (AGTR1) (NM\_031850) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** AGTR1  
**Synonyms:** AG2S; AGTR1B; AT1; AT1AR; AT1B; AT1BR; AT1R; AT2R1; HAT1R  
**ACCN:** NM\_031850  
**Insert Size:** 918 bp  
**Insert Sequence:** >SC210896 3'UTR clone of NM\_031850  
The sequence shown below is from the reference sequence of NM\_031850. 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
AAGCCTGCACCATGTTTTGAGGTTGAGTGCATGTTGAAACCTGTCCATAAAGTAATTTGTGAAAGA
AGGAGCAAGAGAACATTCCTCTGCAGCACTTCACTACCAATGAGCATTAGCTACTTTTTCAGAATTGAA
GGAGAAAATGCATTATGTGGACTGAACCGACTTTTCTAAAGCTCTGAACAAAAGCTTTTCTTCCTTTT
GCAACAAGACAAAAGCAAAGCCACATTTTGCATTAGACAGATGACGGCTGCTCGAAGAACAATGTCAGAA
ACTCGATGAATGTGTTGATTTGAGAAAATTTACTGACAGAAAATGCAATCTCCCTAGCCTGCTTTTGTCC
TGTTATTTTTTATTTCCACATAAAGGTATTTAGAATATATTAATCGTTAGAGGAGCAACAGGAGATGA
GAGTTCAGATTGTTCTGTCCAGTTTCAAAGGGCAGTAAAGTTTTCGTGCCGGTTTTTCAGCTATTAGC
AACTGTGCTACACTTGCACCTGGTACTGCACATTTGTACAAAGATATGCTAAGCAGTAGTCGCAAGT
TGCAGATCTTTTTGTGAAATTCAACCTGTGCTTATAGGTTTCCACTGCCAAAACAATGCCCGTAAGAT
GGCTTATTTGTATAATGGTGTTACTAAAGTCACATATAAAAGTTAAACTACTTGTAAAGGTGCTGCACT
GGTCCCAAGTAGTAGTGTCTTCCAGTATATTAGTTTGATTTAATATCTGAGAAGTGATATAGTTTGT
GGTAAAAAGATTATATATCATAAAGTATGCCTTCTGTTAAAAAAGTATATTTCTACACATATATG
TATATGTATATCTATATCTAAACTGCTGTTAATTGATTAATAATCTGGCAAAGTTATATTTACTTTAA
AATAAAAATAATTTTATTGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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<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_031850.4</a>
<b>Summary:</b>	Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors. This gene encodes the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. This gene may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium. It was previously thought that a related gene, denoted as AGTR1B, existed; however, it is now believed that there is only one type 1 receptor gene in humans. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2020]
<b>Locus ID:</b>	185
<b>MW:</b>	35.9