OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC210894

Angiotensin II Type 1 Receptor (AGTR1) (NM_009585) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Angiotensin II Type 1 Receptor (AGTR1) (NM_009585) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: AGTR1

Synonyms: AG2S; AGTR1B; AT1; AT1AR; AT1B; AT1BR; AT1R; AT2R1; HAT1R

ACCN: NM_009585

Insert Size: 918 bp

Insert Sequence:

>SC210894 3'UTR clone of NM_009585
The sequence shown below is from the reference sequence of NM_009585. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCCTGCACCATGTTTTGAGGTTGAGTGACATGTTCGAAACCTGTCCATAAAGTAATTTTGTGAAAGA
AGGAGCAAGAGAACATTCCTCTGCAGCACTTCACTACCAAATGAGCATTAGCTACTTTTCAGAATTGAA
GGAGAAAATGCATTATGTGGACTGAACCGACTTTTCTAAAGCTCTGAACAAAAGCTTTTCTTTCCTTTT
GCAACAAGACAAAGCAAAGCCACATTTTGCATTAGACAGATGACGGCTGCTCGAAGAACAATGTCAGAA
ACTCGATGAATGTGTTGATTTGAGAAATTTTACTGACAGAAATGCAATCTCCCTAGCCTGCTTTTGTCC
TGTTATTTTTTATTTCCACATAAAGGTATTTAGAATATATTAAATCGTTAGAGGAGCAACAGGAGATGA
GAGTTCCAGATTGTTCTGTCCAGTTTCCAAAGGGCAGTAAAGTTTTCGTGCCGGTTTTCAGCTATTAGC
AACTGTGCTACACTTGCACCTGGTACTGCACATTTTGTACAAAGATATGCTAAGCAGTAGTCGTCAAGT
TGCAGATCTTTTTGTGAAATTCAACCTGTGTCTTATAGGTTTCCACTGCCAAAACAATGCCCGTAAGAT
GGCTTATTTGTATAATGGTGTTACTAAAGTCACATATAAAAGTTAAACTACTTGTAAAGGTGCTGCACT
GGTCCCAAGTAGTAGTGTCTTCCTAGTATATTAGTTTGATTTAATATCTGAGAAGTGTATATAGTTTGT
GGTAAAAAGATTATATATCATAAAGTATGCCTTCCTGTTTAAAAAAAGTATATATTCTACACATATATG
TATATGTATATCTATATCTCTAAACTGCTGTTAATTGATTAAAATCTGGCAAAGTTATATTTACTTTAA
AATAAAATAATTTTATTGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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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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_009585.4

Summary: 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]

Locus ID: 185

MW: 35.9