

## Product datasheet for RN202320

### Agtr1b (NM\_031009) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Agtr1b (NM\_031009) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Agtr1b  
 Synonyms: Agtr1; AT1; AT1B; AT3; AT<sub>1</sub>R  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN202320 representing NM\_031009  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCCTTAACTCCTCTACTGAAGATGGAATTAAGAATCCAAGATGACTGCCCAAGGCTGGCAGGC  
 ACAATTACATATTTGTCATGATCCCTACTCTACAGCATCATCTTTGGTGGGAATATTTGGAAACAG  
 CTTGGTGGTGATTGTCATTTACTTTTACATGAAGCTAAAGACTGTGGCCAGTGTTTTCTCTGAATCTT  
 GCCCTGGCTGATTTATGCTTTTGTGACTTTGCCACTGTGGCAGTCTATACCGCTATGGAATACCGAT  
 GGCCTTCGGCAACCACCTATGTAAGATCGCTTCTGCCAGCGTCAGTTTCAATCTCTATGCCAGTGTGT  
 TCTGCTCAGTGTCTCAGCATCGATCGTACCTGGCCATTGTCCACCCAATGAAGTCTCGCTCCGCCGC  
 ACGATGCTGGTAGCCAAAGTCACCTGCATCATCTGGCTAATGGCTGGCTGGCCAGTTTGGCAGCCG  
 TCATCTACCGAAACGTATATTTTCATCGAGAACCAATATCACAGTTTGCCTTTTCATTATGAATCTCA  
 GAACTCAACACTCCCCATTGGACTGGGTCTAACAAAGAACATTCTGGGCTTCGTGTTCCCTTTCTTATC  
 ATTCTACCAGCTATACTCTTATTTGGAAAGCCCTAAAGAAGGCTTATAAAATTCAGAAGAACACGCCAA  
 GAAATGATGACATCTTTAGGATAATTATGGCGATTGTGCTTTTCTTCTTTTCTGGGTTCCCCACCA  
 AATATTCATTTTCTGGATGTGCTCATTACAGCTGGCATTATCCGTGACTGTGAAATTGCTGACATTGTG  
 GACACCCTATGCCCATCACCATCTGCATAGCTTATTTAACAATTGCCGAATCCTCTGTTTTATGGCT  
 TTCTGGGGAAAAATTTAAAAAATATTTCTCCAGCTTCTGAAATACATTCGCCCAACGGCAAGTCACA  
 CGCAGGCTTGTAACAAAAATGAGCACTTTTCTACCGCCCTCAGATAACATGAGTTCATCTGCCAAA  
 AAGTCTGCATCTTTTTTGAAGTGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_031009
<b>Insert Size:</b>	1080 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031009.2</a> , <a href="#">NP_112271.2</a>
<b>RefSeq Size:</b>	2183 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	81638
<b>UniProt ID:</b>	<a href="#">P29089</a>
<b>Cytogenetics:</b>	2q24
<b>Gene Summary:</b>	G-protein coupled receptor for angiotensin II; has a role in blood pressure regulation, electrolyte balance and cardiac function [RGD, Feb 2006]