

Product datasheet for RN215252

Agtr1a (NM_030985) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Agtr1a (NM_030985) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Agtr1a
 Synonyms: Agtr1; AT1; AT1A; AT1R
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215252 representing NM_030985
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTTAACCTTTCTGCTGAAGATGGTATCAAAGAATCCAAGATGACTGCCCAAGGCTGGCAGGC
 ACAGTTACATATTTGTCATGATCCCTACCCCTACAGCATCATCTTTGTGGTGGGAATATTTGGAAACAG
 CTTGGTGGTGATTGTCATTTACTTTTACATGAAGCTGAAGACTGTGGCCAGCGTCTTTCTCTCAATCTC
 GCCTTGGCTGACTTATGCTTTTTGCTGACTTTGCCCTGTGGCAGTCTATACCGCTATGGAGTACCGCT
 GGCCCTTCGGCAATCACCTATGTAAGATCGCTTCGGCCAGCGTGAGCTTCAACCTCTACGCCAGTGTGT
 CCTTCTCACGTGTCTCAGCATCGACCGCTACCTGGCCATCGTCCACCCAATGAAGTCTCGCCTTCGCCGC
 ACGATGCTGGTGGCCAAAGTCACTGCATCATCTGGCTGATGGCTGGCTGGCCAGTTTCCAGCTG
 TCATCCACCGAAATGTA TACTTCATCGAGAACCAATATCACAGTGTGCGCGTTTCATTATGAGTCTCG
 GAATTCGACGCTCCCATAGGGCTGGGCCTTACCAAGAATATTCTGGGCTTCTTGTCCCTTTCTTATC
 ATTCTCACCAGCTATACCCTTATTTGGAAAGCTCTAAAGAAGGCTTATGAAATTCAAAAGAACAACCAA
 GAAACGATGACATCTTTAGGATAATTATGGCGATTGTGCTTTTCTTCTTTTCTGCTCCCGCCCA
 AATATTCACTTTCTGGATGTGCTGATTACGCTGGGCGTCATCCATGACTGTAATAATTTCTGACATCGTG
 GACACTGCCATGCCATCACCTCTGCATAGCGTATTTAACAACCTGCCTGAACCTCTGTTCTACGGCT
 TTCTGGGAAGAAATTTAAAAAGTATTTCTCCAGCTCCTGAAATATATTTCCCAAGGCAAGTCCCA
 CTCAAGCTGTCTACGAAATGAGCAGCTTTCTTACCGCCTTCGGATAACATGAGCTCATCGGCCAAA
 AAGCCTGCGTCTTGTGTTTGGAGTGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_030985



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Insert Size:	1080 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_030985.4 , NP_112247.2
RefSeq Size:	2208 bp
RefSeq ORF:	1080 bp
Locus ID:	24180
UniProt ID:	P25095
Cytogenetics:	17p12
Gene Summary:	receptor for and mediator of vascular remodeling effects of angiotensin II [RGD, Feb 2006]