

Product datasheet for **RN206780**

Agt (NM_134432) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agt (NM_134432) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Agt
Synonyms:	Ang; AngII; ANRT; PAT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206780 representing NM_134432
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTCCACGGGGCAGGCCCTGAAGGCCACCATCTTCTGCATCCTGACCTGGGTGAGCCTGACAGCTG
 GGGACCGGTATACATCCACCCCTTTCATCTCCTACTACAGCAAGAGCACCTGCGCCAGCTGGAGAA
 CCCAGTGTGGAGACGCTCCAGAGCCAACCTTTGAGCCTGTGCCATTAGGCCAAGACCTCCCCCGTG
 GATGAGAAGACCTGCGAGATAAGCTCGTGTGGCCACTGAGAAGCTAGAGGCTGAGGATCGGCAGCGAG
 CTGCCAGGTGCGATGATTGCCAATTCATGGGTTCCCGATGTACAAGATGCTGAGTGAGGCAAGAGG
 TGTAGCCAGTGGGGCCCTCTCTCCACCGCCCTTTGGCACCTGGTCTCTTTCTACCTTGGATCG
 TTGGATCCACGGCCAGCCAGTGCAGGTGCTGCTGGCGTCCCTGTGAAGGAGGGAGACTGCACCTCCC
 GGCTGGACGGACATAAGGTCCTACTGCCCTGCAGGCTGTTAGGGCTTGTGGTCAACCAGGGTGAAG
 CAGCAGCCAGACACCCCTGCTACAGTCCACCGTGGTGGCCTTCTACTGCCCCAGGCTTGCGCCTAAA
 CAGCCATTTGTTGAGAGCTTGGGTCCCTTACCCCCGCATCTCCCTCGCTCTCTGGACTTATCCACTG
 ACCCAGTCTTGTGCGCCAGAAAATCAACAGGTTTGTGCAAGGCTGTGACAGGGTGAAGATGAATTGCC
 ACTAGAGGGGGTACGACGGACAGCACCTATTTTTCAACACCTACGTTCACTTCCAAGGGAAGATGAGA
 GGCTTCTCCAGCTGACTGGGCTCCATGAGTTCTGGGTGGACAACAGCACCTCAGTGTCTGTGCCATGC
 TCTCGGGCACTGGCAACTCCAGCACTGGAGTGACGCCAGAACAACTTCTCCGTGACACGCGTGCCCT
 GGGTGAGAGTGTACCCTGTCTGATCCAGCCCCAGTGGCCTCAGATCTCGACAGGGTGGAGGTCTCT
 GTCTCCAGCAGCACTTCTGACTTGGATAAAGAACCCCGCCTCCTCGGGCATCCGTCTGACCTTGGCG
 AGCTGGAAATTCGGGGATCCTACAACCTGCAGGACCTGCTGGCTCAGGCCAAGCTGTCTACCTTTGGG
 TGCTGAGGCAAACTGGGCAAGATGGGTGACACCAACCCCGAGTGGGAGAGGTTCTCAACAGCATCCTC
 CTTGAACTCCAAGCAGGCGAGGAGGAGCAGCCACAGAGTCTGCCAGCAGCCTGGCTCACCCGAGGTGC
 TGGACGTGACCCTGAGCAGTCCGTTCTGTTCCGCATCTACGAGCGGGACTCAGGTGCGTGCACCTTCT
 GGGCAGAGTGGATAACCCCAAATGTGGT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_134432

Insert Size: 1434 bp

OTI Disclaimer: 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).

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:

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_134432.2](#), [NP_602308.1](#)
RefSeq Size: 1958 bp
RefSeq ORF: 1434 bp
Locus ID: 24179
UniProt ID: [P01015](#)
Cytogenetics: 19q12
Gene Summary: plays a role in regulation of blood pressure [RGD, Feb 2006]