

Product datasheet for RN202197

Agtr2 (NM_012494) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agtr2 (NM_012494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Agtr2
Synonyms:	AT2-R; AT2R; AT ₂ R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202197 representing NM_012494 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGGACAACCTCAGTTTTGCTGCCACCAGCAGAAACATCACCAGCAGTCTTCCTTTTGATAATCTCA
ACGCAACTGGCACCAATGAGTCCGCATTTAACTGCTCACACAAACCGGCAGATAAGCATTGGAAGCAAT
TCCTGTTCTACTACATGATTTTTGTGATTGGTTTTGCTGTTAACATTGTTGGTCTCACTGTTTTGT
TGTCAAAAGGGCCCTAAAAGGTGTCCAGCATTACATCTTCAATCTGGCTGTGGCTGACTACTCCTTT
TGGCAACCCTTCCTCTCTGGCAACCTATTACTCTTATAGATAGACTGGCTCTTGGACCTGTGATGTG
CAAAGTGTGGTTCTTTCTGACCCTGAACATGTTGCAAGCATTTTTTTTATTACGTGCATGAGTGTT
GATAGGTACCAATCGGTTATCTACCCTTTCTGTCTCAGAGAAGGAATCCCTGGCAAGCATCTTATGTAG
TTCCCCTGTTGGTGTATGGCTTGTCTGTCTCATTGCCAACATTTTATTTCCGAGATGTCAGAACCAT
TGAATACTTAGGTGTGAATGCTTGTATTATGGCTTTCCACCTGAGAAATAGCTCAGTGGTCTGCTGGG
ATTGCCTTAATGAAAAATATTCTTGGCTTTATCATTCTTTAATATTCATAGCAACGTGTTACTTTGGAA
TCAGAAAACATCTGCTGAAGACCAATAGCTATGGGAAGAACAGAAATTACCCGTGACCAAGTCTTGAAGAT
GGCAGTCTGCTGTTGTGTTGGCATTATCATTGCTGGCTTCCCTCCATGTTCTGACCTTCTTGGATGCT
CTGACCTGGATGGGTATCATTAAAGCTGTGAAGTTATAGCAGTCATTGACCTGGCACTTCTTTTGCCA
TCCTCCTGGGATTACCAACAGCTGTGTTAATCCCTTCTGTATTGTTTCGTTGGAAACCGCTTCCAACA
GAAGCTCCGTAGTGTGTTTAGAGTTCCCATTAATTGGCTCCAAGGCAAGAGAGACTATGTCTTGCCGA
AAAAGCAGTTCCTTAGAGAAATGGACACCTTTGTGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1274_e11.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012494
Insert Size:	1092 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:	<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_012494.3 , NP_036626.1
RefSeq Size:	1092 bp
RefSeq ORF:	1092 bp
Locus ID:	24182
UniProt ID:	P35351
Cytogenetics:	Xq34
Gene Summary:	receptor for angiotensin II; vasodilator that regulates many actions in vascular smooth muscle cells and during development [RGD, Feb 2006]