

Product datasheet for **MC207221**

Agtr2 (NM_007429) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agtr2 (NM_007429) Mouse Untagged Clone
Tag: Tag Free
Symbol: Agtr2
Synonyms: AI316812; AW107640
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207221 representing NM_007429
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGACAACCTTCAGTTTTGCTGCCACCAGCAGAAACATTACCAGCAGCCGCTCTTTTGATAATCTCA
ACGCAACTGGCACCAATGAGTCCGCCTTAATTGCTCACACAAACCATCAGATAAGCATTGGAAGCAAT
TCCTGTTCTACTACATGATTTTTGTGATTGGGTTTGGCTGTTAATATTGTTGGTCTCACTGTTTTGT
TGTCAAAAGGGCCCTAAAAGGTGTCCAGCATTTACATCTCAATCTGGCCTGGCTGACTACTCCTTT
TGGCTACCTCCCTCTCTGGCAACCTATTACTCTTATAGATATGATTGGCTTTTTGGACCTGTGATGTG
CAAAGTGTGGTTCTTTCTGACTCTGAACATGTTTGAAGCATTTTTTTATTACCTGCATGAGTGTG
GATAGGTACCAATCGGTCATCTACCCTTTCTGTCTCAAAGAAGGAATCCCTGGCAAGCATCTTATGTAG
TTCCCCTGTTGGTGTATGGCTGTCTATCCTCATTGCCAACATTTTATTTCCGGGATGTCAGAACCAT
TGAATACTTAGGTGTGAATGCTTGTATTATGGCTTTCCACCCGAGAAATATGCTCAGTGGTCTGCTGGG
ATTGCCTAATGAAAAATATTCTGGCTTTATTATTCTTTAATATTATCATAGCAACGTGTTACTTTGGAA
TCAGAAAACATCTGCTGAAGACTAATAGCTATGGGAAGAACAAGAAATACCCGTGACCAAGCTCTGAAGT
GGCAGCTGCTGTTGTGGCATTATCATTTGCTGGCTTCCCTCCATGTTCTGACCTTCTGGATGCT
CTGACCTGGATGGTATCATTAATAGCTGTGAAGTTATAGCAGTCATTGACCTGGCACTTCTTTTGCCA
TCCTCCTGGGATTCACCAACAGCTGTGTTAATCCCTTCTGTATTGTTTTGTTGGAAACCCTTCCAACA
GAAGCTCCGAGTGTGTTAGAGTTCCCATTAATTGGCTCCAAGGCAAGAGAGACTATGTCTTGACAGA
AAAGGCAGTTCTCTTAGAGAAATGGACACCTTTGTGTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007429



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Insert Size:	1092 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_007429.5 , NP_031455.1
RefSeq Size:	2872 bp
RefSeq ORF:	1092 bp
Locus ID:	11609
UniProt ID:	P35374
Cytogenetics:	X 16.71 cM
Gene Summary:	Receptor for angiotensin II. Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation.[UniProtKB/Swiss-Prot Function]