

## Product datasheet for RC205705

### AGTRAP (NM\_001040194) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** AGTRAP (NM\_001040194) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** AGTRAP  
**Synonyms:** ATRAP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC205705 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAGCTGCCTGCTGTGAACCTGAAGGTGATTCTCCTAGGTCAGTGGCTGCTGACAACCTGGGGCTGCA  
TTGTATTCTCAGGCTCCTATGCCTGGGCCAACTCACCATCCTGGCCTTGGCGTGTGGCTGTGGCTCA  
GCGGGACTCCATCGACGCCATAAGCATGTTTCTGGGTGGCTTGCTGGCCACCATCTCCTGGACATCGTG  
CACATCAGCATCTTCTACCCGCGGGTCAGCCTCACGGACACGGGCGCTTGGCGTGGGCATGGCCATCC  
TCAGCTTGCTGCTCAAGCCGCTCTCCTGCTGCTTCGTCTACCACATGTACCGGGAGCGCGGGGTTTCT  
TGGGTCTTCTCAGGACCGTAGTGCCTACCAGACGATTGACTCAGCAGAGGCGCCCGCAGATCCCTTTGCA  
GTCCCAGAGGGCAGGAGTCAAGATGCCCGAGGGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC205705 protein sequence  
Red=Cloning site Green=Tags(s)

MELPAVNLKVILLGHWLLTTWGCIVFSGSYAWANFTILALGVWAVAQRDSIDAISMFLGLLATIFLDIV  
HISIFYPRVSLTDTGRFGVGMAILSLLKPLSCCFVYHMYRERGGFLGSSQDRSAYQTIDSAEAPADPFA  
VPEGRSQDARGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

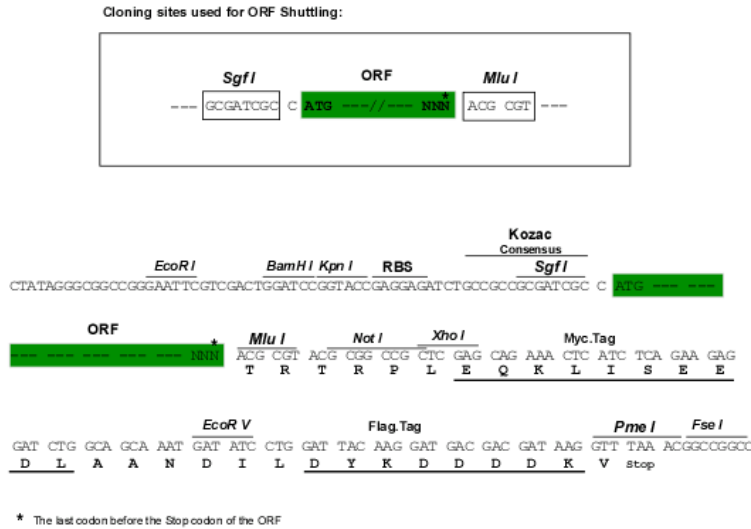
**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6420\\_c06.zip](https://cdn.origene.com/chromatograms/mk6420_c06.zip)

**Restriction Sites:** SgfI-MluI

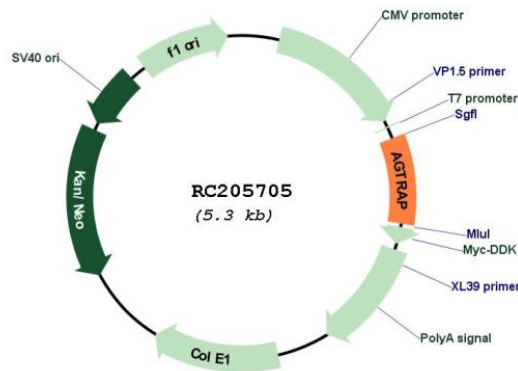


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001040194

ORF Size: 456 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq: [NM\\_001040194.1](#), [NP\\_001035284.1](#)

RefSeq Size: 1179 bp

RefSeq ORF: 459 bp

Locus ID: 57085

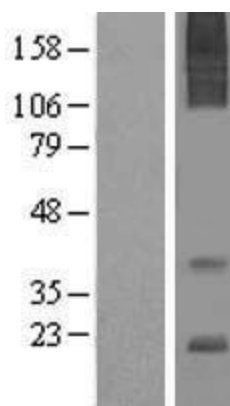
UniProt ID: [Q6RW13](#)

Protein Families: Druggable Genome, Transmembrane

MW: 16.7 kDa

**Gene Summary:** This gene encodes a transmembrane protein localized to the plasma membrane and perinuclear vesicular structures. The gene product interacts with the angiotensin II type I receptor and negatively regulates angiotensin II signaling. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

### Product images:



Western blot validation of overexpression lysate (Cat# [LY421720]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205705 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).