

Product datasheet for **SC113135**

AGTRAP (NM_020350) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGTRAP (NM_020350) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGTRAP
Synonyms:	ATRAP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113135 sequence for NM_020350 edited (data generated by NextGen Sequencing)

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ATGGAGCTGCCTGCTGTGAACCTGAAGGTGATTCTCCTAGGTCACCTGGCTGCTGACAACC
TGGGGCTGCATTGTATTCTCAGGCTCCTATGCCTGGGCCAACTTCACCATCCTGGCCTTG
GGCGTGTGGGCTGTGGCTCAGCGGGACTCCATCGACGCCATAAGCATGTTTCTGGGTGGC
TTGCTGGCCACCATCTTCTGGACATCGTGCACATCAGCATCTTCTACCCGCGGGTCAAGCCG
CTCACGGACACGGGCCGCTTTGGCGTGGGCATGGCCATCCTCAGCTTGCTGCTCAAGCCG
CTCTCCTGCTGCTTCGTCTACCACATGTACCGGGAGCGCGGGGGTGAAGCTCCTGGTCCAC
ACTGTTTTCTTGGGTCTTCTCAGGACCGTAGTGCCTACCAGACGATTGACTCAGCAGAG
GCGCCCGCAGATCCCTTTCAGTCCCAGAGGGCAGGAGTCAAGATGCCCGAGGGTACTGA
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Clone variation with respect to NM_020350.4



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020350 unedited</p> <pre> CGGTGCGATTTGTATACGACTACTATAGGCGGCCGCGATTTCGGCACGAGGGCGGCTGCG GCGCAGGTGCCCTCGGCCTGAGTCGGGATGGAGCTGCCTGCTGTGAACCTGAAGGTGATT CTCCTAGGTCAGTGGCTGCTGACAACTGGGGCTGCATTGTATTCTCAGGCTCCTATGCC TGGGCCAACTTACCATCCTGGCCTTGGGCGTGTGGGCTGTGGCTCAGCGGGACTCCATC GACGCCATAAGCATGTTTCTGGGTGGCTTGCTGGCCACCATCTTCTGGACATCGTGCAC ATCAGCATCTTCTACCCGCGGGTCAGCCTCACGGACACGGGCCGCTTTGGCGTGGGCATG GCCATCCTCAGCTTGCTGCTCAAGCCGCTCCTGCTGCTTCGTCTACCACATGTACCGG GAGCGCGGGGGTGAAGTCTGCTGGTCCACACTGGTTTCTTGGGTCTTCTCAGGACCGTAGT GCCTACCAGACGATTGACTCAGCAGAGGCGCCCGCAGATCCCTTTCAGTCCCAGAGGGC AGGAGTCAAGATGCCCGAGGGTACTGAAGCCAGCCACGCTGCGCCCGGCCCTGCCCGGG CCTTCTCGTGCCTGGGAGGTGTTCTAGGGATGCTCCTGACCTCCGTCTCTTGGACCTA AGATGGAATGTGTCCCAGCTCAGGNATTGCCTGAAACCAAGAGCCAGGAGCCCCATGG GCCGCCAGTACCATGCACACTCCTGTCCCGAAAACCTCCTGAGCCTCCCCTCCCTCAGG NNCACCCTGGTCCCNANNGCTGGACCANGGTCTCTCTTACCTCCTACCCCATGGTGG CACCACNAGGCCCTCAGCCGAGTCTGCTGAGTGTGCAAAGCTCAGCCTTTAAGACT GCTGATGCCCNCT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020350 unedited</p> <pre> ATGGACGCGGCCCAATCTAGAGTCGAGNNNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTACAGAATCCCAAACCTTAAATGCTGTGCTCTGAAAAGGGAGGCTGGAGGTT GTGGTGGGTACAGTGTGCTGACACCTTTGGCCTCCAGCCCTGCATCCCTAGGCACCAT GTGACCAGGCAGTAAAAGGACAGGGCCTCACTCCCATGTCAAAGTCTCCTCGGGCTGA GCAGGACCTGAAGCTCTCAGGGCTTCCACCAAAGCCAGCAAACCTGGGGGAGGCCTGAG GGGGCATCAGCAGTCTTAAAGGCTGAGCTTGCAAACTCAGGCAGGACTCGGGTGAAG GCCTCTGTGGGGCCACATGGGGTAGGAGGTAAGAGAGACCCTGGTCCAGCCTGGGAA CCAGTGGGTGCCCTGAAGGGAGGGGAGGCCTCAGGGAGTTCGGGACAGGAGTGTGCATGG TACTGGGCGGCCCATGGGGGCTCCTGGCCTCTTGGTTCAGGCAATCCCTGAGCTGGGGAC ACATTCATCTTAGGTCCAAGAGACGGAGGTGAGGAGCATCCCTAGAACGACCTCCCAGN CACGAGGAAGGCCCGGGCAGGGCCGGGCGCAGCGTGGCTGGCTTCAAGTACCCTCGGGCA TCTTGACTCCTGCCCTCTGGGACTGCAAAGGATCTGCGGGCGCCTCTGCTGAGTCAAT GTCTGGTAGCACTACGNCCCTGAAAGACCAGGAAACAGTGTGGACAGGAGCTACCCCG CGCTCCCGGTAATGTGGTANACGAACNCAGGAAAGCGCCTTGAGCACAAGCTGAGATGG CCTGCCCCCAAGCGCCCGGTCCGGAGCTGACCCGGTAAAAAGCTGTGGGCCAGTCC AGAAATGGGGCANCAGCCCCAAAATCTATGGGTGAGGACCCCTGACCCACCCAGCCAG CCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020350
Insert Size:	1120 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_020350.3](#), [NP_065083.2](#)

RefSeq Size: 1108 bp

RefSeq ORF: 480 bp

Locus ID: 57085

UniProt ID: [Q6RW13](#)

Cytogenetics: 1p36.22

Protein Families: Druggable Genome, Transmembrane

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]

Transcript Variant: This variant represents the most common transcript and encodes isoform a.