

## Product datasheet for **SC211554**

### ATG4A (NM\_052936) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ATG4A (NM\_052936) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ATG4A  
**Synonyms:** APG4A; AUTL2  
**ACCN:** NM\_052936  
**Insert Size:** 989 bp  
**Insert Sequence:** >SC211554 3'UTR clone of NM\_052936  
The sequence shown below is from the reference sequence of NM\_052936. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGAAGATTTTGGAGATTCTGAGTGTGTAGAACCTCTGGAACCTCAACTTGAAGGTCTGTCTCCATCTG
GCACCATAAAAACATGAACCTATTGCATAAACTTTCTAGTCAGCAAGTGCCTGATATGCCAATAGCA
TACAAACTCAATAGCAATCATGACTGAGCCAATCACTGTTTCTCAGAAAAACAAAACAAAACAAAACAA
ATGACAGTAACCCCTTCCCGGAAAGAAATAGAACAATCATGGAGCCTAGGAGCAGAGAGATGAGGAGGA
GTTCAATTGCTTCCAGCTTGTGTATATGGCTACAGCAAGTCTTCAGCTGCTGCAATGAGGAAATGGGC
ATCTGGAAGACAAACAGCAACTCTCAGCTTGTCTCAAGAACCAGCAGATAAGAGATGGTTAAGCTGTTC
TTCACCTTTTTCAGATGTGACCTCTTTGGACTAAGCAGCAATCTGTTCTCTTGTCTCAAATAATAAAGTG
ACTGAATCAGGGAGGAAAAGGTTCTTGTAAATATTTGATTGTGTAGTTGAAGTAATTATAATTTATA
TCAAAACGTTTGTCAAAGAAACGATGTCAAATATACACTTCTTGATCTCCCTTCTGTTTGCGGGGATCT
TACTATTTGATGGGTCACTGTCCCACTTCTACTGATACTTTTGTGAGATATCACCTGTCTTAAATC
ATGATCACTTAAATCAGGGGTCAGCAAACCTTTTCTGTAAAGGGCCAGACGGGAAATATTTTGGGCTTT
GCAGGCCATGCGGCTCTGTCACTCACTCAACTCTGCTGTTGACATGCAAAAGCAGCAATAGACAAT
ATGCGTGTAAATGAGTGTGGCTGTAATCCAAGAAAACCTTATTTACAAAAGCAGGTGGAGGGCTGGGTT
TGGCCTGCAGGCTGTAGCTTGCCAATCAGTGACTTAAATGTTGATTTTTGTTGATAAATAAAAATA
AATTGTGTTTGAAGTATACCCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_052936.5</a>
<b>Summary:</b>	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. [provided by RefSeq, Mar 2016]
<b>Locus ID:</b>	115201
<b>MW:</b>	37.2