

Product datasheet for **SC216187**

ATG9B (NM_173681) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATG9B (NM_173681) Human 3' UTR Clone
Symbol:	ATG9B
Synonyms:	APG9L2; NOS3AS; SONE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173681
Insert Size:	1756 bp



[View online »](#)

Insert Sequence:

>SC216187 3'UTR clone of NM_173681

The sequence shown below is from the reference sequence of NM_173681. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCCTGACCGGGCCTCTTGCACTGACTGAGACGACTCCTCAGGGCCCCACTCCTGGCAGCTGAGTGCT
GCACCTGCCTTCTCGATCACGAGCTGAGAAGTGCACGGGGGAGCAGCCAGACTGGCTGGAACCATG
TTTTAGAGTGCAGGGTCAAGTGGCGTCTCTGGACAGATGTGAGAAGGCACCACCTCAAGAGGGGAGG
AGCGGGGTGATCCTGGTCGGGCGGACCTGAGTCGGGCAGCCGCTCTCCCGAACTGGAAGGGAAAGCC
AGGCGGCTCTCAGGGGTGTTGGTGTCTGAGCCGGGAGGGTGAACGCCAGGGCACTGCGCCCCGCAA
CTGACGCTCTGCAAGGAAAAGCTCTGGCACGCCGATGACGTGCGCCGCTCGTCCAGCTCCATGTCGC
CCTCCGTGCGCAGGATGCGCTGCACGGTCTGCAGGACGTTGGTTGCCATGGTAACATCGCCGACAGCAA
ACATGTGGCCCCGCTCGAGGCACAGCACGGTGCACCTCGCAGCCAGCTCCGTCTCAGGATGTCTT
GCACGTTACCATTGCGCCCTCAGGGTCTCACACCTTGGGGTTGTAGGTTCCCGGAGAAGGCGGTGAG
GACTCGGCCAAACACCCCGCGCTGCTGGGCGTTCTGCACCTCGTCGCGGTAGAGATGGTCAAAGTTGGGA
GCATCGGCAGCCGAACACCAAAGTATGGGAGTGGGCTGCAGCCCTGCAAGCAACCCCGCCTTGGGAA
GGCTCTTCTCCGGGGCACAGTGTAGTGGGGCCTCCCCACAGGCCACCGTCGCCAGCCTGGCAGCCCA
GCGTTTTGGGCTGAAACCACCATTACTTTGGCTGTTTCATCTCTAAGAGAGTGTAGAATGCTTTCACAG
AGACCTGCACAGCCCTGATTTACAGAGGGAAGGGAAGCGGGTGAAGTGGTGGCCCTGGTGGAGCT
GCGCTAGAATGCGCGGCTTCGGACTCAGAATCCATGCCCTTTCATTGTGTGACATCGCAGTCCCCTT
CCCCGCTCCCATTTCATATTCTCCATACTTATAACTCTCCTCCAGTCACAGCCCTCTTCTTTTGGATT
GACAGACCACCCTGGGCACCCCATGCTCAATGAACACCTTGTAGCATCCTTAGGTCTTGGACAGACC
TCGGTCAGCTCTGGCACAGTCAAGAATCCACCTTGGGCGATTCTTTGAGTCTTAGCCCTAATCCCT
TTGAAAATTCTATTTTCTTTGCTCAATCCAGTCAACACCTACTATGTACCAGGCACCAGGAAGCCA
GAAGCTCAGGGCCAGCCCTTGCCTTTGGTACCTGCCCTCCCCTTGGTCTCATGAGCGTCTTTTCAGCT
TTGTGGACTTTGTTTCTGCCCTCTTTTCTATTTCTGCTTCCAGCCCCACCCTCTGTCCCTAGA
TTGTGTGACTCCCTTCAGGCAGTCTTTAGTCCCAGCCTCACCTTTGCTCTCAATGTCATGACGCCGC
TCCTGCCAGAATCCCGAAGGGGGCAATGCCAGTGCCTGGACCCACCAGGATGCAGGGCAAGCTGGGA
TCGGGTGGCAGCCGGAAGGAGGGAGCCCTGGCAGGAGAGACTCCATCAGGTCCCCTTTGCCTTTCT
GCTCCACCATTCTACCATGCAGGTGGGTGGAGCAAGGAGACCAAGTCTTCCCATCTCAAAAAAA
AATTAACAAAAAACAACAAAAAACAACAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

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).

Components:

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.

RefSeq:

[NM_173681.5](#)

Summary: This gene functions in the regulation of autophagy, a lysosomal degradation pathway. This gene also functions as an antisense transcript in the posttranscriptional regulation of the endothelial nitric oxide synthase 3 gene, which has 3' overlap with this gene on the opposite strand. Mutations in this gene and disruption of the autophagy process have been associated with multiple cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

Locus ID: 285973

MW: 62.3