

Product datasheet for **SC212355**

ATG9A (NM_024085) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATG9A (NM_024085) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATG9A
Synonyms: APG9L1; mATG9; MGD3208
ACCN: NM_024085
Insert Size: 1097 bp
Insert Sequence: >SC212355 3'UTR clone of NM_024085
The sequence shown below is from the reference sequence of NM_024085. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCTACCCCTCAGGTGCACAAGGTAACAACAAGGCTGAGCAGGGTTCCTGTGCCAGGATGGAGGC
CACCGCTGCCCTGCCATCCCGTCTGCCTGCCATGGGACGGCTCCTCTGAGTGTCCCTGGCCCCACGTG
TGTGGTGTGGTGTCTGTGCCTGGCCAAGGGAGGTGCCAACACTGGGCTTGCCACAGCCCCAGGAGA
GGAATTTGGGGCCTAGGAACCGAGGGCACACGGGACTCTAGCCTCATCCCAGGACCCCCCTTGGCTCAG
AGTGTGGTGTAGAACTGGCCCCAGCCAGCCAGTACTGCCACCTTTACACCTACCCTGCAAGT
CCCCAGAGGGCTGCCACGATAGAAGCTGCCAAGCAGGGAGAACCTGTGCCAACTGTGGAGTGGGGAGG
TTGGGCCTGGACCCTCAACCCCTGCAACCTTCCCTAGCCCCCTCAATAGATGAGCAGGTGAGGCTGTGG
CCCTTACCTACCCGAGTTCTCGCCAGTGTGCAGCCGGCTCACCTCTCTCCGCTTCTTGACATCA
CTGGCCTGTGTGTCTGCTTGTCTGTTCTGTTCTGCTCCCGTTCGGTTCGGCTTTTGGCTTTGCG
TTAGGGTGAAGACCCTAGCGTCCAGCTCCCTCAACGCTATATTTTACACTAAAAAAGAAGTTTCTA
AATTGTAGGAGCAGGATGAAATACTTTGCTGCCCTTGCCATCTTTTAGGATGGGCCCCAGGAGACTG
AGGCTTCTCGGGCCCTATTGCTGCTTATCGTACCCCCATCACCTGCACATGGGACAGACCGGGCTG
GAGGGTACCTTGGCTGTGTGCGTCCCAGCAAAAGAGCTCTGGCCCGCATCTCGCTGTGCCCTGAAGGG
GGATGAAGGGCGATGCCTCGCCGAGGCTTTGGGCTGCTGCACTGCATGCTGGGACTGCTCCTACTCTC
TGTCCCACCCCTCACCCAGCTGTGGTCCGGCTTTGGGAGAGTGGTGAATTGCGCTGCCCGAACTCGGAG
CGGAGCAGGGTAGGGACCGTGTACAGCTTGATAACCCCTAATAAAAAGGGAGTTTGACCAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_024085.5</u>
Summary:	Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle. Cycles between a juxta-nuclear trans-Golgi network compartment and late endosomes. Nutrient starvation induces accumulation on autophagosomes. Starvation-dependent trafficking requires ULK1, ATG13 and SUPT20H.[UniProtKB/Swiss-Prot Function]
Locus ID:	79065
MW:	39.2