

Product datasheet for **SC215574**

ATG4B (NM_013325) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATG4B (NM_013325) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATG4B
Synonyms:	APG4B; AUTL1
ACCN:	NM_013325
Insert Size:	1623 bp



[View online »](#)

Insert Sequence: >SC215574 3'UTR clone of NM_013325
The sequence shown below is from the reference sequence of NM_013325. 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
GATGAAGACTTTGAAATCCTGTCCCTTTGAAAATCCTGGGGTGGGGGTGGCACCTGTGAGAGCCTGGG
GCTCCTGGTGCCGCTGCGTTTCATCCATCCCGCCGCTCGCCTGCCGAGGGCTGCGCCCCGTGCTGCCT
CCCCCAGAGGGCCACCCGCTGTGCTCGTGGACTGAGGCTGCGCTGCCCGGGAGGCCCTACTGCTTGGT
GTCAGACTGCCAGCTCAGAGTGCCCGTCAGGGCTGTGCATCCGCACGCGGAGCCGTCTGTTAGGAGC
TTCCAGAGTGTCTCTCGACACTGCCAGCCCCGTGTAGCACCTGGCCCTCAGTCCCCTGCTCCCAG
GCGCCGGTTCTGTGGTTGGTTTGAATTAAGTCTCTGTTGAAGTTGTCAGACACAGACATGAATTTCT
GGGCGCTCCCTGAGTCAGAGTCTCAGAAGACCTGTGCAGGCTGGCGTGAGAGGAGCGGCAGCCACTG
CGCCCCACGCCAAGGACTGGGCTGCTCTCGAGGGGGCGCGCCACCCTGTGTCTCTGCCCAG
CCTGGCTTACCAAGGGCTACCTCAGTGGAGATGAGGTTGGAGGAACGAAGGCGAGGTTCCCTCTTGT
TTGGGGAGAAAAGTATTCAGGAAGTGGGTGTGTGGGAAACCTGAAGATGGCGTGCACAGGACACAGCGT
GGGCGGCTGGGCAGAAGGGCGGCTGGCTGTCTGGAGCTGTGCTGGAGCCTGCCCTCAGAGTGTCCC
TTTCCAGTGTGTGGCATTCTGTGGCAGCTTCCCAGGTGTGGTGACGGGGGGGGGGGGGGGGCTCCAC
CTGTGACAGCCAGGCTTGAGGGTGGACGGCGTGCCTCTCCCAGGAGCCTTCCCCATGTCTTGCCTTGC
TGAGAATTGCCCTCCCATGCCGTGAGGTGTTAGGTGGTTTAGGGCCAAAAGGGGAAAACCACTTGAGT
CTTGTGGTGTGTGGTGGGAGACACCACAGGCTGGCATCACCTGGTGGCATTTCAGAACCTCAGCCCC
GATTCAGCACCACCACCGCTGACCCTGTGTAACCTGTGTCGCCGGTCCCAGAGTGCCTCTGCCC
CGCTGCTGCTGCCTGTCTGGGAAAGTATCTTTGCCCCACTAGGAAATGTAACAGGAGGGCTTGGG
GAGCGTGGGCACTTTTCTCATGAGCAGCTACTGCGGCGTTGGCAGGACTCGCTGCTGCTGCTGCTT
GTGTAGGTGCGGGAGCCAGAGATCCCCGAGGACGCGCGCCGACAGTCGGCACTGACCGGCCACCTGG
TAGCAGAGGACACCCCCAGCCCCAAGCATTGAAGACATAGTGTATTTCTCGTATCCTTTCTCCCTT
GGGTGTAGTTGGGGTGGGAAGCAGGGAAGGCTGGTGGCATCTCCATTCTTGGGCTCCACGTCCGAGT
TCATGGTGGCCGCTGTGCTGGGAGCTGCAGTGGTAATGTGTGGGACACCTTGACCAAAGGGGAGCTTT
GTCTCGTGTGTTTTGAAAAGGCTTAATGAAGAGAATGTTGTTTATTCTTAGTAGTATAGTTGCAATT
CTAATGGCAAATAATAAGTTTCAGTAGAAAACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

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_013325.5](#)

Summary:

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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Locus ID:

23192

MW:

57.6