

Product datasheet for SC205161

ATG4D (NM_032885) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATG4D (NM_032885) Human 3' UTR Clone
Symbol:	ATG4D
Synonyms:	APG4-D; APG4D; AUTL4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032885
Insert Size:	381 bp
Insert Sequence:	<p>>SC205161 3'UTR clone of NM_032885</p> <p>The sequence shown below is from the reference sequence of NM_032885. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CCCAGCTCTGAGGACTTTGTGTTTTTAAAAGGGAGGGGATGAGGGGAAAGATACAACACTATTTATTT
TTTTATTTATGTCATGTCGGGTGTGGGATCTTGAGCTCTGGCAGTGATGATGGTACTTCCTGTTGTCAG
CCCCTAAGCCCAGCTGCAACCAGTCTGGGGCCATTGAGCCAGGGACAGAGCCCACAGAGCCCATACAC
CTGTCTCCACCAGCGGGGCCCTCCTGGCAGGGTAGGGAAGGAGGACCCCGGGCACCCCTCAGGGCC
TGACTCACGTACTGTAGTTGCACTGGACGCCCGGGCCCTCCCTGTCCAAAGCCCCCTTGGGGAACT
GTGGCTGCTGGGGGCAATAAAGCTGTGTAACCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.


[View online »](#)

RefSeq: [NM_032885.6](#)

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 belongs to the autophagy-related protein 4 (Atg4) family of C54 endopeptidases. Members of this family encode proteins that play a role in the biogenesis of autophagosomes, which sequester the cytosol and organelles for degradation by lysosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Locus ID: 84971

MW: 13.1