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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

Vector: pMirTarget (PS100062)

Symbol: ATG4D

Synonyms: APG4-D; APG4D; AUTL4

ACCN: NM_032885

Insert Size: 381 bp

Insert Sequence:

>SC205161 3'UTR clone of NM_032885
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.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCAGCTCTGAGGACTTTGTGTTTTTATAAGGGAGGGGATGAGGGGAAAGATACAACACTATTTATTT
TTTTATTTATGTCATGTCGGGTGTGGGATCTTGAGCTCTGGCAGTGATGATGGTACTTCCTGTTGTCAG
CCCCTCAAGCCCAGCTGCAACCAGTCTGGGGCCATTCAGCCAGGGACAGAGCCCACAGAGCCCATACAC
CTGTCTCCCACCAGCGGGGCCCTCCTGGCAGGGTAGGGAAGGAGGACCCCGGGCACCCCCCTCAGGGCC
TGACTCACGTACTGTAGTTTGCACTGGACGCCCGGGCCCTCCCTGTCCCAAAGCCCCCTTGGGGGAACT
GTGGCTGCTGGGGGCCAATAAAGCTGTGTAACTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_032885.6

View online »

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