

Product datasheet for **MC219837**

Atg16l2 (NM_001111111) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atg16l2 (NM_001111111) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atg16l2
Synonyms:	2410118P20Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219837 representing NM_001111111
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGACCTGGCGCCCCCTGCGATCCCTGCGCGCCCGCCGTGTCTGGAAGCGCCACATCGTCGGC
 AGCTGCGGCATCGGGACCGCACGCAAAAGGCGCTTTCCTGGAGCTAGTGCCGGCTTATAACCATCTCCT
 AGAGAAGGCTGAACTGCTAGCCAAGTTCTCAGAAAAGTTGAAGTCCGAACCAAGGATGCCATCTCCACC
 CGACATGAGGACTGGAGGGAGGAGTCTCAGGGACAGGCCCTGACCAAGTCTCATCACCAGCCTCTCTGA
 GGGTGAAGTGGCAGCAGGAGAAGAAGGGGCTGCAGCTGGTCTGTGGTGAGATGGCCTACCAGGTGGTGA
 GAAGAGCGCAGCCCTAGACACCCGTCAGTACAGCTGGAGGAGCGGCAGGACAGGTTGGAAGCCCTGCAG
 GCCTGCGTGGTGCAGCTACAGGAGGCGCGGCTCAGCAGTCCCGCAGCTGGAGGAACGGCAAGCGGAGA
 ACGCAGCACAGAGAAGCCTATGAGACGCTGCCAGCAAGCTGTGCACCAGGAGGCGGCACTGCGCAG
 GCTCCAGGAAGAGGCACGCGACTTGTGGAGCAGCTTGTGCAGCGTAAGGCGCGCCCGCCGCTGAGCGC
 AATCTACGTAATGAGCGTAGAGAGAGGGCAACCAAGGCTCTGGTGTCCCAGGAGCTGAAGAAAGCGGCTA
 AGCGGACTGTGAGCATCAGCGAGATCCCAAACTCTAGAAGATGGGACGAAAGAAGAGACTGTGGCTCT
 AGCTCTGCCGCTCTGCCTGAGTTCTCAGAGAGTGAGACTTGTGAAAAATGGAAGAGGCCTTTCAGGTCT
 GCCTCGGCCACCTCCCTGACACTGTCCCCTGTGTGGATGTGGTGAAGGGGCTGTTGGACTTCAAGAAAA
 GAAGAGGTCACTCGGTTGGGGCGCACCTGAGCAGCGGTACCAAAGCATCCCTGTGTGTGTCTGCCCA
 AATTCCTCCAGGCTCAGGATGCTTGGATGCCATCTCTTGAGGTCAATGCTGTTTGTGGTGGCCCC
 AACAGCAGCCTCCTGGCCACTGGAGGGGCTGACCGGCTGATCCACCTCTGGAATGTTGATGAGGTCGCC
 TGGAGGCCAACCAAGACCCTGGAAGGAGCTGGCGGCAGCATCACCAGTGTGGATTTGACCCCTCAGGCTC
 CCAGGTTTTGGCAGCTACTTACAACCAGGCTGCCAGCTCTGGAAGGTGGGAGAGACTCAGTCCAAGGAA
 ACATTGTCGGACACAAGGACAAAGTGACTGCTGCCAAATTCAGCTAACAAGGCACCAGGCAGTGACTG
 GGAGCCGAGACCGGACAGTGAAGGAGTGGGACCTGGGCGCGCCTACTGTTCCAGGACTATCAATGTACT
 TTCCTACTGCAATGACGTGGTGTGCGGGGACCACATCATCATCAGTGGCCACAATGACCAAAAGATCCGG
 TTCTGGGACAGCAGGGGCCCTCACTGCATCCAGGTCATCCCCGTGCAGGGCCGGTTACCTCCCTGCACC
 TCAGCTATGACCAGCTGCATCTGCTTAGCTGTTCCCGAGACAACACTCAAGGTTATCGACCTGCGAAT
 CAGCAATATCCGACAGGTGTTGAGGACAGATGGCTTCAAGTGCAGTCTGACTGGACCAAGCTGTGTT
 AGCCCTGACAGAAGCTATGCACTGGCAGGCTCTCAAACGGCGACCTGTACATCTGGGATGTGAACCCG
 GAAACTGGAGACCAGCCTACAGGGACCCCACTGCACTGCTGTTAATGCCGTGGCTTGGTCTTCCGG
 GAACCACGTTGTGAGTGTGGACCAAGGCAGGAAGGTGGTCTCTGGC**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001111111

Insert Size: 1872 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001111111.1](#), [NP_001104581.1](#)

RefSeq Size: 2183 bp

RefSeq ORF: 1872 bp

Locus ID: 73683

UniProt ID: [G9M4M8](#)

Cytogenetics: 7 E2

Gene Summary: May play a role in autophagy.[UniProtKB/Swiss-Prot Function]