

Product datasheet for **RN217018**

Atg16l2 (NM_001191560) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atg16l2 (NM_001191560) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atg16l2
Synonyms:	RGD1311400
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN217018 representing NM_001191560
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGACCCAGCGCCCCCTGCGATCCCTGCGCGCCCGTTGCCGCCTGGAAGCGCCACATCTCGCGAC
 AGCTGCGGCATCGGGACCGCACGCAAAAGGCGCTTCTTGGAGCTAGTGCCGGCTTATAACCATCTCTT
 AGAGAAGGCTGAACTGCTAGCCAAGTTCTCAGAAAAGCTGAAGTCAGAACCAAAGGATGTCATCTCCACC
 CCACATCAGGACTCGAGGGAGGAGGCCTCAGGGACAGGCCCTGACCAAGTCTCATCACCAGCCTCCCTGA
 AGGTGAAGTGGCAGCAGGAGAAGAAGGGTCTGCAGCTGGTCTGTGGTGAGATGGCCTACCAGGTGGTGAG
 GAAGAGCGCAGCCCTAACACCCCTGCAGTCACAGCTAGAGGAGCGTCAGGGCAGGCTGGAAGCCCTGCAG
 GCCTGTGTGGTGCAGCTACAGGAGGCGCGGGCTCAGCAGTCCCGCAGCTGGAGGAACGGCAAGCGGAGA
 ACTCGGCACAGAGAGAAGCCTACGAGACTCTGCGCGAGCAAGCTGCGCACCAGGAAGCGGCACTGCGCAG
 GCTCCAGGAAGAGGCACGCGACTTGCTGGAGCACTTGTGCAGCGTAAGGCGCGCCGCCCGCGAGCGC
 AATCTACGTAACGAGCGTAGAGAGAGGGCAATCAGGCTCGGGTGTCCCAGGAGCTGAAGAAAGCGGCCA
 AGCGGACTGTGAGCATCAGCGAGATCCCAAACACTCTAGAAGATGGGACCAAAGAGGAGACTGTGGCTCT
 AGGTCTGCCGCTAAGCCCGAGTTCCTGGAGAGTGACAGTTGTGAAAAATGGAAGAGGCCTTATAGGTCT
 GCCTCAGCCACCTCTCTGACACTGTCCCCTGTGTGGATGTGGTGAAGGGGCTGCTGGACTTCAAGAAAA
 GAAGAGGTCACTCGTTGGGGTGTCTCTGAGCAGCGGTACCAGAGCATCCCTGTGTGTGTGTCTGCCCA
 AATTCCTCCAGGCTCAAGATGTCTGGATGCCATCTCTCTGAGGTCAATGCTGTTTGTGTTTGGCCCC
 AATAGCAGCTCCTGGCAACTGGAGGGCAGACCGGCTTATCCATCTCTGGAATGTTGTAGGCGGTGCGC
 TGGAGGCCAACCAACCCTGGAAGGAGCTGGTGGCAGCATCACCAGTGTGGATTTTGACCCCTCGGGCTC
 CCAGGTTTTGGCGGCTACTTACAACCAGGCTGCCAGCTCTGGAAGGTGGGAGAGACACAATCCAAGGAA
 ACATTGTCTGGACACAAGGACAAAGTGACAGCTGCCAAATTCAAGCTAACAAAGGCACCAGGCAGTGACTG
 GGAGCCGAGACCGGACAGTGAAGGAGTGGGACCTGGGCGCGCCTACTGTTCCAGGACCATCAATGTACT
 TTCCTACTGCAATGACGTGGTATGCGGGGACCACATCATCATCAGTGGCCACAATGACCAGAAGATCCGG
 TTTTGGGACAGCAGGGGCCCACTGCATCCAGGTCATCCCTGTACAGGGCCGGTTACCTCCCTGAACC
 TTAGCCATGACCAGCTGCATCTGCTTAGCTGTTCCCGAGACAATACGCTGAAGGTTATCGACCTACGAAT
 CAGCAATATCCGACAGGTGTTCAAGGCGGATGGCTTCAAGTGCAGTCTGATTGGACCAAAGCTGTGTTT
 AGCCCCGACAGAAGCTATGCACTGGTGGCTCCTCAAATGGCACCTGTACATCTGGGATGTGAACACTG
 GAAACTGGAGACCAGCCTACAGGGACCGCACTGCACTGCTGCAATGCCGTGGCTTGGTCTTCTCCGG
 GAACCATGTTGTGAGTGTGGACCAAGTCAGGAAGGTGGTCTCTGGC**ACTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191560
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191560.1](#), [NP_001178489.1](#)

RefSeq Size: 2097 bp

RefSeq ORF: 1872 bp

Locus ID: 308865

Cytogenetics: 1q32