

## Product datasheet for RN211124

### Atg4b (NM\_001025711) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Atg4b (NM\_001025711) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Atg4b  
 Synonyms: Apg4b  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN211124 representing NM\_001025711  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAACACTGTGGTATGGAGGAAATCAGAAGATTGTCAGGGCCAGCCTTCCCTGTCCGGGGCCG  
 CTGCATATCCATGGAGTCAGAGAGGCACTGTAACGGGCTCCCTGCTGGAGCTGAAGTCACCAACAGGCC  
 CTTGGCCTGGAGACCATTAGTGCTTCTCATCCCTCTTCGCTGGGACTGACAGACATCAATGAGGCCTAT  
 GTGGAGACGCTGAAGCACTGTTTCATGATGCCCAAGTCCCTGGGTGTTATTGGAGGGAAGCCCAACAGTG  
 CCCACTACTTTATTGGCTACGTTGGTGAGGAGCTCATCTATCTGGATCCCATACTACACAGCCTGCAGT  
 GGAGCTGACAGACAGCTGCTTTATCCCCGACGAGAGCTTCCACTGCCAACACCCTCCCTGTCCGGATGGGC  
 ATGGGGAGCTTGACCCATCCATTGCCGTGGGGTTTTTCTGTAAGACCGAGGAAGACTTTAATGACTGGT  
 GCCAGCAAGTCAAAAAGCTGCCAGCTTGGAGGTGCCCTGCCCATGTTTGAGTTGGTGGAAACAGCAGCC  
 TTCCCATCTGGCCTGCCAGGATGTCTGAACTGTCCCTAGATTCTTCTGATGTAGAGAGACTGGAGAGG  
 TTCTTTGACTCTGAGGATGAAGACTTTGAAATCTTATCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001025711  
 Insert Size: 675 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001025711.1</a></u> , <u><a href="#">NP_001020882.1</a></u>
<b>RefSeq Size:</b>	2471 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	316640
<b>Cytogenetics:</b>	9q36