

## Product datasheet for **MC203051**

### Atp6v0b (NM\_033617) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Atp6v0b (NM\_033617) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Atp6v0b  
**Synonyms:** 2310024H13Rik; Atp6f; VMA16  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC030393  
 CCACGCGTCCGGCGGGCGGACGGTGGACGCGGTTTAGCTCAGGTCCCACCGATCCGACCCCTGCCGTCG  
 CCGCTGCCATGACGGGGCTGGAGTTGCTCTACCTCGGGATCTTTGTGGCCTTCTGGGCTGCATGGTCGT  
 TGTGGGAATCTGCTACACCATCTTTGACCTGGGCTTTCGCTTTGATGTGGCATGGTTCCTGACGGAACT  
 TCCCCCTTCATGTGGTGAATCTGGGCATTGGCCTAGCAATTTCTCTGTCTGTGGTTGGAGCAGCCTGGG  
 GAATCTATAACCGGCTCATCCATTATTGGGGTGGGGTAAAAACCCCAAGAATCAAAACCAAGAAGT  
 GGTTAGTATTATCTTCTGTGAAGCGGTGGCCATCTATGGCATCATGGAATTGTCATCAGCAACATG  
 GCTGAGCCTTTCAGTCTACGGAGCCCAAGGCCATTGGCCATCGAACTACCATGCAGGTTACTCCATGT  
 TTGGGGCTGGCCTCACAGTCGGTCTGTCCAACCTGTTCTGTGGAGTCTGCGTGGGCATCGTGGGCAGTGG  
 GGCCGCCCTGGCAGATGCACAGAACCCAGCCTCTTTGAAAAATTCTCATCGTGGAGATCTTTGGCAGT  
 GCCATTGGCCTCTTTGGGGTCATTGTTGAATCCTTCAGACCTCCAGAGTGAAGATGGGTGACTAGATGA  
 CCTGTATGGGTGGGGCCGTGCCCTACTGTTATTTATTGCTGGTTTTCTGGGACAGCTGGAGCTGTGTCC  
 CTCAGCCTTTCTGGGGCTTGGTGTTCAGGGTCCCCCTGCACTCACCTCTTGCTGCCTGTTGACTCTGGA  
 GGCATTGCAGTCCAGACTGAACCCAGTGTGGGGAGTGGGCTGCTGATGGTACTGTGTACAGCTGTGCA  
 CCTGTGCCCCCTCAACCCCATCCAGCCCATCTTCTAGTGTGTGAAATAAACTTGGTATTTGTCCC  
 AGTCAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_033617

**Insert Size:** 618 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).



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<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="#">BC030393</a></u> , <u><a href="#">AAH30393</a></u>
<b>RefSeq Size:</b>	1027 bp
<b>RefSeq ORF:</b>	618 bp
<b>Locus ID:</b>	114143
<b>UniProt ID:</b>	<u><a href="#">Q91V37</a></u>
<b>Cytogenetics:</b>	4 D2.1
<b>Gene Summary:</b>	Proton-conducting pore forming subunit of the membrane integral V0 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.[UniProtKB/Swiss-Prot Function]