

## Product datasheet for **MC205340**

### Atp6v1g2 (NM\_023179) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Atp6v1g2 (NM\_023179) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Atp6v1g2  
**Synonyms:** 1500002D01Rik; Atp6g2; NG38; VAG2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC020190

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ATGACAGACACCCACCCGGTGCAGGAGACTGAGTGAAAACGGGAGCGCTAAGACCCAGTGGGAGTGGAGG
ACCGCATCAAGGGCCCGGAGGAGTAGGCGCTGGAGGGTGGGAGCCGTCTGGTACCTCGGTCGCCTTCGGA
ACAGCATCCTCTCTAGTGATAAAAATGGCCAGTCAGACCCAGGGTATCCAGCAGCTCCTCCAGGCTGAGA
AGCGGGCAGCGGAGAAGGTGGCCGATGCCAGGAAGAGGAAGGCCCGGCGACTGAAGCAGGCGAAGGAGGA
GGCTCAAATGGAGGTGGAGCAATACCGCAGGGAGCGGGAACAGGAGTTTCAGAGCAAGCAGCAGGCGGCC
ATGGGCTCTCAGGGGAACCTGTCTGCTGAAGTGGAGCAGGCCACAAGACGGCAGTTTCAGGGCATGCAGA
GTTCCCAGCAGAGGAATCGGGAGCGCTCTGGCTCAGCTTCTCGGCATGGTCTGTGAAGTCAAGCCCA
GGTCCACCCCAACTATCGGGTACTGTCTAGAACCATCGCTCAGGGACACATCCCTAGAGTGACTCCTTC
TGTCAGCTCCGTCCACAGAGAAAATCCCAACTCAAACCCTTGTGTCGATGCCGAGAGCCTTGGGTT
CAATCCATAATATCATCCCCCACCACCAAATCGCTTACATAATAACCTGTTGCTGGAGGGGAGGCT
TCTATGTGACAGGATCCAATATTCGCCCTGAGACTTACAAGTAGCCTGTTCAAACCCGACAAACCCGAA
TCTCTCTGTTCCATGACACCCACTGGAAGTTTACTAATGAATGCCACGTCATCCCCACCGACCCCTCT
GTGAAATATATGTCTGGTGACAGTTATGAAAGCACCTGACTTCAGAGCAGGGGAACCTCTGTTCTCT
CCCACCCCTGGTCTTGTGTTACACAACCTGGGACAACATTTAACCTGGAAGCCTCAGTGTCTCATC
TTTGTGACTGGAATGACAGCAACAACGCTCACTTTGTAAGGTGGCTGCTGTGAATATCTGTGAGAAATC
AGCATAGTTCCAGATGACGGAGTGCCTGTATCATGACCGCACTCTGCGTGCCTGCCAGAATTCTAACCC
CTCTCCTGACTTTTTTATTCCTTGTGTTCCAGCTTTGTTACGCCACTGTGACACTAGTAACCCTCTAAAG
AATTTGTTTCTCTGGCTCTCCCTTGGCACATCATGCCCCGAACAGTTAAATGATAATGTTATTTAGCCC
CTCTGTCCGAGTCCCAAATATATATAAATCTCTTAGCACCTCTCTGTTTCTCCTGAGCTGGTCTTTCTC
ATGGTTGGCCCCCTCTTTCTCTGTTTTCCCAAATCTTGCTGCTTCCGGGAGCTGAAGATATCTATGACA
TTCACATGCATGCATTCTTTGTGTGCCCTCAGCACCTTGCCCTCTTGTGTAACAGCGGAGTGTCAATAA
AATACTGGTGGATGAGTCAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_023179



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<b>Insert Size:</b>	357 bp
<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="#">BC020190</a></u> , <u><a href="#">AAH20190</a></u>
<b>RefSeq Size:</b>	1510 bp
<b>RefSeq ORF:</b>	357 bp
<b>Locus ID:</b>	66237
<b>UniProt ID:</b>	<u><a href="#">Q9WTT4</a></u>
<b>Cytogenetics:</b>	17 B1
<b>Gene Summary:</b>	Catalytic subunit of the peripheral V1 complex of vacuolar ATPase (V-ATPase). V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. [UniProtKB/Swiss-Prot Function]