

Product datasheet for **MC201106**

Atp6v0e2 (NM_133764) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v0e2 (NM_133764) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v0e2
Synonyms:	0610006O14Rik; NM9.2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010790 sequence for NM_133764
 AGCGCAGATTCGCTTGGTCCAGGGCCTCCCGGCTGGGATCCCCTGCGCATGCGCACAGCCCTCTGCCG
 GGACTTGACCTGCTTAGAGTCTGCCGTTGCATCTGATACCCACCTGAGCATCGCGCACCAGCCATGA
 CAGCCCATTCTTTGCCCTCCCTGTATCATCTTACCACATTCTGGGGCCTCATCGGCATCGTGGGCC
 CTGTTTCGTGCCAAAGGACCCAACCGCGGGGTGATCATCACCATGCTGGTAGCTACTGCTGTCTGCTGT
 TACCTCTTCTGGCTCATTGCCATCTTGGCCCACTGAACCCCTGTTTGGGCCACAAGTGAAGAATGAGA
 CCATCTGGTACGTGCGTTTCTGTGGGAGTGATCCCTGGGGTGATCAGCTGGCTCTGGCCTCAGATGCC
 CTGCTGTGAAGGGTGAATGGCCCCAGCCTTGATGTCCCTGGAGACCCTGCATTCCTCTGGCCCCACCCAT
 CTGTATGACCATCCTGTGCTCGCCCTGCCATCGTGTGGAATCCATACCCCCCAGAGTCAACTTGGT
 TTCAGTTTCTGGTCTCAGTTTCCCTGTGTTCCAGCTATTAGTGGCCCTCCATGTTGGGCAAGCCCGT
 GCTCAGTCAGGCCACAGTGGGAGCTTACCTGAGCTTAAATCCCCACACTTGGCACTTCCCTCTTTCTTCC
 AAGCAGATCCCGGTCAAGGAGCTGGACCTGCTGTATCTATTTTCATCCAGGGAGCAGAAGGCAGGACTC
 AGCCAGTACCAGAAAGGACTTGAGTCTTGTGGAGAAGGGACATGTGGCCAAAATCTCTAGGCTTTTT
 AACTCTGTCTCCACCGTGTGAAATATTGGGTGAGGGTACAGGCCTCCTCCAGCTCTGAAGTGAATTAT
 ATCCATTTAGTCTCTGATACTTGTAGATGTGACATTCCTGGAGGTGCTGATGTCCTAAAGAAGCAGTCAC
 ACCAAAAACCCGACAGTCAGGATCAAAGCCTCCATGTTTAGCCTTTAGCAGCAGGAAATAACTACTTG
 GCACGGGAGGGAGGTAGTGTGCTTTGGAATGTTCTAGTCAGTTTCTCTCCCTCTGTAGATAAGATCGC
 CCACTCCCTAGTACCTGTGAGTTGGGGTACAACCTTTTTGCCACTCTTATTGGGTTGTGGTGGGGCAG
 ATCCCAGTACCATTGAAGAGATTTGGAGTTGAGGTTGGGGGACAGACAAAGGTGACGTTTCTGGGGTACT
 ACTAGCACTATGCCTCCCTGGCTTTTGGAGCCCTCTGTCCTAAGCTCATATGGTTCTGTGCCAAGCACA
 GTGAGACAGAAAATGTAATGACAGAGGATCAGCCAGGGCATTCTCCAGCCATGCCCTCACCTCTCT
 GAGAGGGTGAGTAGGGCATTCTTGCCTGTGTTGCCAGGGCTTGTAGGACAGAGGCCTATACAATCCATG
 GCTCCTAACCAGTGGCTGTTTGGAGTTCCAGGGGAAGAAAGCCAGTCTTGATTATCTATTGACTATTTA
 TTTGGTCTCCCTCCCTTATAGGGGGTGTGTTTGGGAGTGGCAGCAGAATACACTATAGCTCAGATTGC
 TGGGCATTAAGTGTGCTAGTGGCTCAGATCTGCAGCTGGGGCCTCTGTGGCAACCCATCCCGTCTACC
 CTGACTCTGAAGCCTTCTGTGGGGTGGGGCATGGTGAAGCATGACTCCTGTTGAAAGCCGATTCTGT
 CTAATAAATCATGGTGTGCAAGATTGGTTAGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133764

Insert Size: 246 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: [BC010790](#), [AAH10790](#)

RefSeq Size: 1846 bp

RefSeq ORF: 246 bp

Locus ID: 76252

UniProt ID: [Q91XE7](#)

Cytogenetics: 6 B2.3

Gene Summary: Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (1).