

Product datasheet for **MC200451**

Atp6v1e1 (NM_007510) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v1e1 (NM_007510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v1e1
Synonyms:	2410029D23Rik; Atp6e; Atp6e2; Atp6v1e; D6Erttd385e; E2; P31; Vma4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003421 sequence for NM_007510 GTTTGCTCGCCGCCACTTTGAACCCAGATTGCAAGCTGTCCCCTGGCCGGACTTTGCCTTCGCCATGGC GCTCAGCGATGCAGATGTACAGAAGCAGATTAAGCACATGATGGCTTTCATTGAACAAGAAGCCAATGAG AAAGCAGAAGAAATAGATGCAAAGGCAGAAGAAGAGTTCAACATTGAGAAAGGTCGCCTTGTGCAAACGC AAAGACTGAAGATTATGGAATACTACGAGAAGAAAGAAAAGCAGATTGAGCAGCAGAAGAAAATTCAGAT GTCCAACCTTGATGAATCAAGCAAGGCTCAAAGTCTCAGAGCAAGGGATGACCTCATCACTGATCTGCTA AATGAGGCAAAGCAGAGACTCAGTAAGGTGGTAAAAGATACGACCCGTTACCAAGTGCTGCTGGATGGGC TGGTCCTTCAGGGCTTGTACCAGCTGCTGGAGCCTCGAATGATCGTGCCTGCAGAAAACAAGATTTCCC TTTGGTGAAGGCCGAGTACAAAAGCAATCCCTATGTATAAAATTGCTACCAAAAAGGATGTTGATGTC CAGATTGACCAGGAGCCTACCTGCCTGAGGAAATAGCTGGTGGCGTTGAGATCTATAATGGGGATCGCA AGATAAAGGTTTCCAACACCCTGAAAAGCCGGCTGGACCTGATAGCCAGCAGATGATGCCAGAAGTCCG TGGAGCCTTGTTGGTGC AAATGCCAATAGGAAGTTTCTGGACTGAGCTTCAGGAGGAGCAGTTCCCCCA CGGCTGTTCTCCTGGAGAAGCAGATTATCTGTGTGGCTTCTCTTCTGTTCTAATACTGGAATCAGTG GACACCCTCTACAGCTAATGCCCTCGGCTCAGTGTCAACAGCAGGGCCACTTGGTGTGGGCAAGAACCCA GCCCCAGCTCATCTGAGGCCACAGCTGTTCACTGGGTTTGAGCAGGACGGGAGGGTCAGATGTGCTGCA CGGCCTCACCCAGGACCCATTCTTCCCTGTCTGCTCTAGTCTAGAGTGAGTTGTGCATGCTGTCCCTG CTCTTTGGGCATAAAGTGCATGTGGGACTCACATTCTCCAGGAACACTACCTTCGCTGTTACTGTTTAG GTCTAGTCTTCTCTCTGTAATGTGATTTAAATCTAAGCCACAAATATTCTTTATTTATTA AAAACAG AGGGCTTATGTGGAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_007510
Insert Size:	681 bp



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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:	<ol style="list-style-type: none">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:	BC003421 , AAH03421
RefSeq Size:	1219 bp
RefSeq ORF:	681 bp
Locus ID:	11973
UniProt ID:	P50518
Cytogenetics:	6 57.01 cM
Gene Summary:	Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.[UniProtKB/Swiss-Prot Function]