

Product datasheet for MC208166

Atp6v0c (NM_009729) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp6v0c (NM_009729) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atp6v0c
Synonyms: Atp6c; Atp6c2; Atp6l; AtpI; AtpI-rs1; PL16; VATL; Vma3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208166 representing NM_009729
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGACATCAAGAACAACCCGAATATTCTTCGTTTTTCGGTGTCATGGGCGCCTCGTCGCCATGG
 TCTTCAGCGCCATGGGAGCCGCTATGGCACAGCCAAGAGTGGCACTGGCATCGCAGCCATGTCAGTCAT
 GAGGCCAGAGCTGATCATGAAGTCCATCATCCCAGTGGTTATGGCTGGGATCATCGCCATCTACGGCCTG
 GTGGTGGCAGTACTTATCGCTAACTCCCTGACTGATGGCATCACCTCTACAGGAGTTTTCTTCAACTGG
 GTGCTGGCCTGAGTGTGGGGCTGAGTGGCTGGCTGCTGGCTTTGCCATTGGCATCGTCGGAGATGCTGG
 TGTTCCGGGGCACTGCCAGCAGCCTCGACTGTTTCGTGGGCATGATCCTGATCCTCATCTTTGCGGAGGTG
 CTTGGCCTCTACGGTCTCATCGTGGCCCTAATCCTCTCCACAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009729
Insert Size: 468 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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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:	<u>NM_009729.3, NP_033859.1</u>
RefSeq Size:	1151 bp
RefSeq ORF:	468 bp
Locus ID:	11984
UniProt ID:	<u>P63082</u>
Cytogenetics:	17 A3.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a. Variants 2 and 3 both encode the same isoform (b).</p>