

Product datasheet for **MC204961**

Atp6v1e2 (NM_029121) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp6v1e2 (NM_029121) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atp6v1e2
Synonyms: 4930500C14Rik; Atp6e1; E1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC061059

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AGACTCCCAGCCAGACCAAAGGCAGCTCCTGGCATGGAAGTGGGAGGGAGCAGACATTAGCAACACCC
TGGAAACTCTGTTCTACATTGAAGACACCAGAAGTCCACAGGCCCTGCCTCTGCCCCGTTTCTGAGAG
CAGCCATGGCCCTGACTGACATAGACGTGACAGAGCAGATCAAGCACATGATGGCGTTCATCGAGCAGGA
AGCCAACGAGAAGGCGGAGGAGATAGACGCCAAGGCGGAGGAAGAGTTCAACATTGAGAAGGCGCCCTG
GTGAGACCCAGCGGCTGAAGATCATGGGTTATTTGAGAAGAAGGAGAAAACAGATTGAGCAGCAGAAAA
AGATCCAGCTGTCCACCATGAGAAACCAGGCTCGCATCACGGTCTGAGAGCCCGAGACAATCTCATCTT
AGAATTGCTCAAGGATGCCAAGATGAGGCTCAGCAGAATTGTGTCGGATGAAGAAATCTACCAGGACCTG
CTGGATAAGCTCGTGCTCCAAGCCTTGCTCCGGTGTGGAGCCTGTGATGATTGTCGCTGCCGCCAC
AGGACCTCCACCTGGTGGAGTCTGCGGTGTTAAGAGCCATCCCTCAGTACATGAGGCTCTGCCAGAAGCA
TTTGGAGGTACAGTTGACCAAACCTGAACACTTGCCTTCCAATGTGCTGGAGGGGTGGAGGTCTACAGC
AGCGATCAGAAAATAAAGTTTTCCAACACCTGGAAGTCCGGTGAATCTCGCGCCATGCAGAAGATGC
CAGAAATACGAGGGATTCTGTTTGGAGACAACACCAGCAGAAAAGTTCTTTACATGAGGCTCTGGGACAGG
GAGCCTGGGCTAAACTGCAGAGCCTTCAAAGTCTAAGTCAATTTGGACAAAGGGAAGTGGGGTGGGGTGG
GGTGTCATCTTCTCTGCAGCCCTTCTAGCTTTGAATAGCTAAGAGTGTATACACTGTTAACTTTGG
AATAAATCCCAAATTATGCTCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Sfil-Sfil

ACCN: NM_029121

Insert Size: 681 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>BC061059</u> , <u>AAH61059</u>
RefSeq Size:	1105 bp
RefSeq ORF:	681 bp
Locus ID:	74915
UniProt ID:	<u>Q9D593</u>
Cytogenetics:	17 E4
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. This isoform is essential for energy coupling involved in acidification of acrosome.[UniProtKB/Swiss-Prot Function]