

Product datasheet for **RN203086**

Atp6v1e1 (NM_198745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v1e1 (NM_198745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v1e1
Synonyms:	Atp6e; Atp6e2; P31; Vma4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203086 representing NM_198745 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCGCTCAGCGATGCAGATGTACAGAAGCAGATTAAGCACATGATGGCTTTCATCGAACAAGAAGCCA
ATGAGAAAGCAGAAGAAATCGATGCAAAGGCAGAAGAAGAGTTCAACATTGAGAAAGGTCGTCTTGTGCA
AACCCAGAGATTGAAGATTATGGAATACTATGAGAAGAAGGAAAAGCAGATCGAGCAGCAGAAGAAAATT
CAAATGTCCAAC TTGATGAATCAAGCAAGACTCAAAGTCCTCAGAGCAAGAGATGACCTCATCACTGATC
TGCTGAATGAGGCAAAACAGAGACTCAGCAAGGTGGTAAAAGATACGACCAGGTACCAGGTGCTGCTGGA
TGGGCTGGTCTCCAGGGCTTGTACCAGCTGTTGGAACCTCGAATGATTGTGCGCTGCAGAAAACAAGAT
TTCCCTTTGGTGAAGGCTGCAGTACAGAAAGCAATACCTATGTATAAAATTGCCACCAAAAAGATGTTG
ACGTCCAGATTGACCTGGAGGCCTACCTGCCTGAGGACATAGCTGGTGGAGTTGAAATCTATAATGGGGA
CCGCAAGATAAAGGTTTCCAACACTCTGGAAAGCCGACTGGACCTAATAGCCCAGCAGATGATGCCAGAA
GTCCGCGGAGCCTTGTGGTGC AAATGCCAATAGGAAGTTTCTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_198745
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:	<u>NM_198745.2</u> , <u>NP_942040.1</u>
RefSeq Size:	1258 bp
RefSeq ORF:	681 bp
Locus ID:	297566
UniProt ID:	<u>Q6PCU2</u>
Cytogenetics:	4q42
Gene Summary:	human homolog is a subunit of vacuolar ATPase, a proton pump that couples hydrolysis of cytosolic ATP to proton transport out of the cytosol [RGD, Feb 2006]