

Product datasheet for **RN206290**

Atp6v1b2 (NM_057213) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v1b2 (NM_057213) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v1b2
Synonyms:	Atp6b1b2; Atp6b2; Vatb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206290 representing NM_057213
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGTTGCGAGCGATGCGGGGAATCGTGAACGGGGCCGCGCCCGAGCTGCCCGTCCACCGGTGGC
 CGATGGCCGAGCTCGGGAGCAGGCGCTGGCGGTGAGCCGGAACCTCTCCAGCCTCGTCTCACCTA
 CAAGACTGTCTCTGGAGTGAATGGTCCACTAGTGATCTTAGATCATGTAAAGTTCCAGATATGCTGAG
 ATTGTCCACTTGACATTACCAGATGGCACAAGAAAGTGGCAAGTTCTAGAAGTTAGTGGCTCCAAAG
 CCGTGGTTCAGGTATTTGAAGGAACATCCGGCATAGATGCCAAGAAAACATCCTGTGAGTTTACTGGAGA
 TATTCTCCGCACACCAGTGTCTGAGGATATGCTTGGTGGTGGTATTCAATGGATCAGGAAAACCCATTGAC
 CGAGGTCCTGTGGTGTGGCCGAAGACTTCCTTGACATCATGGGTGAGCCAAATCAACCTCAGTGTGCGA
 TCTACCCAGAAGAGATGATTCAGACGGGCAATTTGCCATCGATGGCATGAACAGTATTGCGAGGGGACA
 GAAAATCCCATCTTTCTGCTGCGGGTTACCACACAACGAGATTGCAGCTCAGATCTGTGCCAGGCT
 GGTGGTAAAGAAATCCAAAGACGTGGTAGACTACAGTGAAGAAAACCTTGCCATTGTGTTGCTGCTA
 TGGGAGTAAACATGGAACAGCCCGTTCTTCAATCTGACTTTGAAGAAAATGGCTCAATGGACAATGT
 CTGCCCTTTCTTGAATCTGGCTAATGACCAACTATCGAGAGGATCATCACTCCTCGCCTGGCTCTGACC
 ACCGCTGAGTTTCTGGCTTACCAGTGTGAGAAGCATGTCTGGTTCATCCTGACAGATATGAGTTCTTACG
 CTGAAGCACTTCGAGAGGTTTCAGCTGCCAGGGAAGAGTTTCTGGTGGCGAGGCTTCCCCGGCTACAT
 GTATACGGATTTAGCCACCATCTATGAACGCGCTGGGCGAGTGAAGGTAGAAAATGGCTCTATTACCCAA
 ATCCCTATTCTCACCATGCCAATGATGATATCACTCATCCTATCCCTGACTTGACTGGGTATATTACTG
 AGGGCCAGATCTATGTGGACAGACAGTGCACAACAGACAGATTTACCCTCTATTAATGTGCTGCCCTC
 ACTCTCTCGGTTAATGAAGTCAGCTATTGGAGAAGGAATGACCAGGAAGGATCATGCTGATGTGTCTAAC
 CAGTTGTACGCATGCTATGCTATCGGTAAGGATGTGCAAGCCATGAAAGCTGTGGTGGGAGAAGAAGCCC
 TGACCTCAGATGACCTCCTTTACTTGGAAATTTCTGCAGAAGTTTGAAGAAAATTCATTACTCAGGGTCC
 CTATGAAAATCGAACTGTCTATGAGACTTTGGACATTGGCTGGCAGTTGCTTCGAATCTTCCCCAAAGAA
 ATGCTGAAGAGGATCCCTCAGAGTACCCTGAGCGAATTTACCCTCGAGACTCTGCAAAGCACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_057213
- Insert Size:** 1536 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: [NM_057213.2](#), [NP_476561.1](#)

RefSeq Size: 2717 bp

RefSeq ORF: 1536 bp

Locus ID: 117596

UniProt ID: [P62815](#)

Cytogenetics: 16p14

Gene Summary: subunit of vacuolar H(+)-ATPase [RGD, Feb 2006]