

Product datasheet for **RN209783**

Atp6v1b1 (NM_001107867) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp6v1b1 (NM_001107867) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp6v1b1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN209783 representing NM_001107867
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACACAAGTAGACGGCAGGCCCTCGGGATTCACTAGCAATAGCTGCGACCCAGGCACAGCCCGAG
 AGCATGTGCAGGTTGTGACCCGAAACTACATCACCCACCCCGTGTACCTACAGGACAGTATGCAGCGT
 CAATGGGCCTCTGGTGGTCTGGACCAAGTCAAGTTTGCCAGTACGCTGAGATTGTCAACTTTACCCTC
 CCTGATGGTACTCAGAGGAGTGGCCAAGTCTTGAAGTGGCTGGGACCAAGCCATTGTTTCAGGTGTTTG
 AGGGGACCTCAGGGATCGATTCCAGAAGACCACATGTGAATTCACAGGCGACATCCTGCGGACTCCAGT
 GTCAGAGGACATGCTGGTTCGGATTTTCAATGGCTCTGGCAAACCCATTGACAAAGGACCTGCTGTCATG
 GCAGAGGACTTTCTGGACATCAATGGCCAGCCAATCAATCCCCATGACCGAATCTACCCTGAGGAGATGA
 TCCAGACGGGAATCTCCCCATCGATGTCATGAACAGCATCGCCCGTGGCCAGAAGATCCCATCTTCTC
 TGCAGCGGGGCTCCCCACAATGAGATTGACGCCAGATCTGCCCGCAAGCTGGGCTGGTGAAGAAATCC
 AAGGCTGTGCTGGATTATCATGAAGACAATTCGCCATTGTCTTTGCAGCCATGGGGGTGAACATGGAGA
 CAGCCAGGTTCTCAAGTCAGATTTGAGCAGAATGGAACCATGGGGAATGTCTGTCTTCTTCTGAAATTT
 GGCCAATGACCCTACGATTGAGCGGATCATCACCCACGCTCTGGCACTGACCACAGCTGAGTTTCTTGGC
 TACCAGTGTGAGAAGCATGTGCTGGTCAATGACTGACATGAGCTCCTATGCGGAAGCTTTGCGGGAGG
 TCTCAGCTGCCCCGAGAGGAAGTACCAGGACGCCGTGGCTTCCCCGGATATATGTACACAGACTTGGCCAC
 CATCTATGAGCGAGCCGGCCGTGTGGAGGGCCGGGTGGCTCCATAAACCAGATCCCCATTCTCACTATG
 CCTAATGACGATATTACCCACCCATCCCAGACCTGACTGGCTTCATCACAGAGGGACAGATTTATGTGG
 ACAGACAGCTACATAACCGGCAGGTCTACCCACCATCAATGTGCTCCCTCCCTCACGACTGATGAA
 GTCGGCCATAGGTGAGGGCATGACCAGAAAGACCACGGAGATGTCTCAACCAGCTGTACGCCTGCTAC
 GCCATCGGGAAGGACGTGACAGGCCATGAAAGCGGTGGTGGGGGAGGAGCGCTCACCTCCGAGGACCTGC
 TCTACCTGGAGTTCTGCAGAAGTTCGAGAAGAATTTTCATCAACCAAGGTCCCTACGAGAACCGCACAGT
 GTTCGAGTCGCTGGACCTGGGCTGGAACTGCTGCGCATCTTCTCTAAAGAGATGCTGAAGCGCATTCCG
 CAGAGCGTGACGGACGAGTTCTACTCTCGCCAGGGGGCGCAGCAGGACCCCGCATCCGACACGGCGCTCT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107867

Insert Size: 1542 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_001107867.2](#), [NP_001101337.2](#)

RefSeq Size: 2487 bp

RefSeq ORF: 1542 bp

Locus ID: 312488

Cytogenetics: 4q34