

Product datasheet for **RN211773**

Atp9b (NM_001106130) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp9b (NM_001106130) Rat Untagged Clone
Tag: Tag Free
Symbol: Atp9b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211773 representing NM_001106130
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACCAGATTCTCTGTACCCCGTGCAGCGCGCGGCCGCGGCAGCCAGCCACAGACGTGCGG
CCTACTACAGCGCGTTGGGCCCGGCCGGTGCCGACCGCGCGCAGGTACCAGCTGGAGGATGAGTC
TGCCCATTTGGATGAAATGCCACTGATGATGTCGAAGAAGGCTTTGAGAATGACGAAAGTGATTACCAC
ACATTACCTCGAGCTAGGATAACACGGAGAGAGAGGGCTGGAGTGGTTTGTCTGCGGAGGATGGAAGT
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GTGGGCACAACCAAGTTCTGCTCCACTTAGAAGAAGCCAGTCCTCAACGCTAAAGTTAAGAAGAGTGT
CAGCAGTAGAATCCATGAAGCAGTGAAGCCATCGCCCTTTGTCATAATGTCACCTCTGTGTATGAGGCT



CCGACTGGCATCACTGGAGAGACTGAGTTCGCTGAAGCAGACCAAGACTTTAGTGATGAGAACCGCACCT
 ACCAGGCTCCAGCCCCGATGAGGTGGCACTGGTGCATGGACAGAGAGTGTGGCCCTCACTCTGGTCAG
 CAGGGACCTTGCTTCCATGCAGCTGAAGACCCCAAGTGGCCAGGTCTTGACCTACTGCATTCTACAGATG
 TTCCCCTTCACTCGGAGAGCAAGCGGATGGGCATCATAGTCAGGGATGAAGCCACAGCCGAGATCACAT
 TCTATATGAAAGGTGCTGATGTCGCAATGTCCACCATTGTGCAGTACAATGATTGGCTAGAAGAGGAGTG
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 TTGTAGAAAGCCTGGAGAGAGAGATGGAGCTATTGTGCCTCACTGGGGTGGAGGACCAGCTGCAAGCGGA
 TGTGAGGCCACACTAGAGATGCTGCGGAATGCAGGGATCAAGATTTGGATGCTAACTGGCGATAAACTG
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 CAGTAACCAATCGGGGAGAGGCCATTTGGAGCTGAATGCATTTAGAAGGAAGCATGACTGTGCACTGGT
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 TGCCCTGTGTGGTCTGCTGCCGTGTTACCCACGCAGAAGGCCACATCGTGACCCTGTTACGCCAGC
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 TGGGATTGGAATTGAAGGGAAGGAAGGAAACAGGCTTCACTGGCAGCGGACTTCTCCATCACACAGTTC
 AGACACATCGGCCGGCTGCTCATGGTGCATGGGCGGAACAGCTACAAGCGGTCTGCAGCACTCGGCCAGT
 TTGTCATGCACAGGGCCCTCATATTTCCACCATGCAGGCTGTGTTCTCCTCGGTCTTCTACTTTGCATC
 TGTCCCGCTGTACCAGGGATTCTTATGGTAGGGTATGCAACTATCTACACCATGTTCCCGGTGTTCTCC
 TTAGTGTGGACCAAGATGTAAGCCAGAAATGGCAATTTCTACCCAGAGCTGTACAAGGACCTCACCA
 AGGGAAGATCTTTTCTTCAAGACCTTCTCATCTGGGTTTTGATCAGTATTTACCAAGGAGGCATCCT
 CATGTACGGGGCCCTGCTGCTCTTCGAGGCCGAGTTTGTCCATGTTGTGGCCATCTCCTTACAGCACTG
 ATCCTGACCGAGCTGCTCATGGTGGCCCTGACTATCAGGACTTGGCACTGGCTGATGGTGGTGGCGGAGT
 TCCTCAGCCTGGGCTGCTATGTTGCCTCCCTTGTCTCAATGAGATTTTGGTATAGGCAGAGTGTC
 TTTTGGCGCTTTCTAGATGTTGCCTTATCACAACTGTGACCTTCTTGTGGAAAGTATCAGCTATCACT
 GTGGTCAGCTGCCTCCCACTCTACGTACTCAAATACTTGAAGAGAAAGTTGTCCCTCCAGCTACTCCA
 AGCTGTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106130
- Insert Size:** 3444 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_001106130.1](#), [NP_001099600.1](#)

RefSeq Size: 5102 bp
RefSeq ORF: 3444 bp
Locus ID: 291411
UniProt ID: D4ABB8
Cytogenetics: 18q12.3