

Product datasheet for **RN203355**

Atp1b4 (NM_053381) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp1b4 (NM_053381) Rat Untagged Clone
Tag: Tag Free
Symbol: Atp1b4
Synonyms: Ac2-628
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203355 representing NM_053381
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGACGGCAACTCCGCTCCAGAAGGGCGCCGGCCTTTCCTTATGGTTACCGCTACAGACTTGATGATC
AGGATGAAATGAATCACAACACTTAGCGGACGAAGAGGAGGAAGCAGAAGAAGAGGCTCAGGTGATGAT
GGTGCCTGGTCTGGAGGAAGAGGAAGAAGAGGAGGAAGAAAAGAGGAGGAGGAAGAAGGGAGGAAGAA
GAAGGTACAGGTCACTAACAGGCAATGCCTGGTGGCGGAAATTCAGATCGTGAATGAATACCTGTGGG
ACCCGGAGAAAAGGATGTCTCTGGCCCGAACAGGTCAGAGTCGGAGTCTATTTTAGTCATTTACTTCTT
CTTCTATGCCTCCCTGGCTGCCGTGATCACCTATTTCATATATATGCTGTTCTAGCCATCAGTCCTTAC
ATGCCGACCTTACGGAGCAGGTGAAACCTCCTGGAGTTATGATCAGACCCTTCGCTCATAGCCTTAACT
TCAACTTCAACGTTTCTGAACCTGAACTTGGCAGCGTTATGTCATTAGCCTAAATGGCTTCTCCAGGG
CTATAATGACAGTCTTCAAGAGGAAATGAATATAGATTGCTCCTCCGGTCAGTACTTCATCCAAGATGGA
GATGAAGATGAGGACAAGAAGGCCTGCCAATTTAAACGCTCCTCCTGAAGAATTGCTCTGGGCTGGAGG
ACCCCACTTTGGATATTCTACTGGACAGCCTTGATCCTTCTCAAGATGAACCGATTGTAGGCTTTCG
TCCTGAATTTGGAGATCCTGTGAAGGTGCTGCAAAAGTTCAGAAAGGTGATGAAAACGACATTTCGATCC
ATCAATTAACCCGGAGTCAGCTTCTTTTACCTCCGCTACTACCTTACTATGGCAAACCTGACTCAGG
TAACTACACCTCCCGCTGGTGGCAATGCATTTTACAGACGTGGTGAAGAACCAAGAAGTGCCTGTACA
GTGCCAGCTGAAGGGCAAAGGCATCGTAAATGACGTCAATGATCGTTTCGTCGGGAGGATAATCTTT
ACCCTGAACATAGAAACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053381



Insert Size:	1071 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:	<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_053381.1</u> , <u>NP_445833.1</u>
RefSeq Size:	4174 bp
RefSeq ORF:	1071 bp
Locus ID:	84396
UniProt ID:	<u>Q9R193</u>
Cytogenetics:	Xq35
Gene Summary:	may act as a muscle cell specific Na ⁺ ,K-ATPase [RGD, Feb 2006]