

Product datasheet for MC223147

Atp4a (NM_018731) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Atp4a (NM_018731) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Atp4a |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC223147 representing NM_018731 Red=Cloning site Blue=ORF Orange=Stop codon |

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCCGCC

ATGGGGAAGGCAGAGAATTATGAACTGTACTCAGTGGAACTGGGGTCTGGCCCTGGTGGGGACATGACTG
CCAAGATGAGCAAGAAGAAGGCAGGAGTGGGGAGGCAAGAAGAAGGAGAAGCTGGAGAACATGAAGAA
GGAGATGGAGATTAACGACCACCAGCTATCAGTGTCTGAGCTGGAGCAGAAGTATCAGACCAGCGCCACC
AAGGGCCTGAAGGCGAGCCTGGCAGCTGAGCTGCTGCTGAGGGATGGACCAATGCGCTCCGGCCACCTC
GGGGCAGCTCCCGAGTATGTGAAGTTTGCCCGTCAGCTGGCAGGTGGTCTGCAGTGCCTCATGTGGGTGGC
TGCTGCTATCTGCCTCATTGCCTTTGCCATCCAGGCCAGCGAGGGTGACCTGACCACTGATGATAATCTG
TACCTGGCGGTGGCACTCATTGCTGTGGTTGTGGTCACTGGCTGTTTTGGCTACTACCAGGAGTTCAAGA
GCACAAATATCATCGCCAGCTTCAAGAATCTTGTACCCAGCAAGCCACTGTGATCCGAGACGGGGACAA
GTTCCAGATCAACGCGGATCAGCTTGTGGTGGGCGACCTGGTGGAGATGAAAGGCGGGGACCGCGTGCCA
GCAGACATCCGCATTCTGTGAGCCAGGGCTGCAAGGTGGACAACCTCCTCGTCACTGGAGAGTCTGAAC
CGCAGACCCGCTCGCCGAGTGTACACATGAGAGTCCCCTTGAGACCCGCAACATCGCTTCTTCTCCAC
CATGTGCTGGAGGGAACAGCTCAGGGTTTGGTGGTGGACCCGGCGATCGCACCATCATTGGGCGCATC
GCCTCGCTGGCCTCGGGTGTGGAAAACGAGAAGACTCCGATTGCAATCGAGATTGAACATTTTGTGGACA
TCATTGCCGGCCTGGCCATCCTCTCGGTGCCACATTCTTTGTGGTGGCCATGTGATTGGCTATACCTT
CCTTCGGGCCATGGTCTTCTTATGGCCATTGTGGTAGCCTATGTGCCTGAGGGGCTGCTGGCAACTGTC
ACAGTCTGCCTGTCACTGACAGCAAAGAGGTTGGCCAGTAAAACTGCCTGGTAAAAACTTAGAAGCAG
TTGAGACCCTAGGTTCTACATCAGTCACTGTCTGCTCAGACAAGACAGGAAGTCTCACTCAGAACCAGTAC
GGTGTCTCATCTATGTTTGGACAACATATCCACACGGCGGACACCACAGAAGACCAGTACAGGCAACG
TTCGATCAGTCGTCGGAGACATGGCGAGCGCTGTGCCCGTGTCAACCCTGTGCAACCCGCGCTGCCTTCA
AGTCCGGCCAGGACGCGGTGCCGGTGGCCAAGCGCATCGTGATCGGAGACGCGTCAGAGACTGCGCTGCT
CAAGTTTTCGGAGCTGACGTTGGGCAACGCCATGGGTTACAGGGACCGCTTCCCCAAAGTTTTCGAGATC
CCCTTCAACTCCATCAACAAGTCCAGCTGTCCATTATACCCCTGGAGGATCCACGCGACTCCCGGCACC
TGCTGGTGTGATGAAGGGCGCCCTGAGCGCGTGTGGAGCGTTGCAGCTCCATCCTCATCAAGGGCCAGGA



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GCTGCCTCTGGACGAGCAATGGCGTGAGGCCTCCAGACAGCCTACCTCAGCCTGGGAGGCCTAGGCGAA
 CGTGTCTTGGTTTCTGCCAGCTCTACCTGAATGAGAAGGACTACCCACCTGGCTATGCCTTTGATGTGG
 AGGCCATGAACTTTCCGAGTAGTGGCCTCTGCTTTGCGGGACTTGATCCATGATTGACCCCTCCCGGGC
 CACCGTTCTGATGCTGTGCTCAAATGCCGCACGGCAGGCATCCGGGTGATCATGGTGACCGGTGACCAT
 CCCATCACGGCAAGGCCATCGCAGCCAGCGTGGGTATCATCTCAGAGGGCAGCGAGACAGTGAAGACA
 TCGCCGCCCGCCTCCGGATCCCGGTGGACCAGTTAATAGGAAGGATGCCCGGGCCTGCGTGATCAATGG
 TATGCAGCTGAAGGACATGGACCCGCTGAGCTGGTGGAGGCGCTACGCACCCACCCCTGAGATGGTGT
 GCTCGAACCAAGTCTCAGCAGAAGCTGGGTGCCATTGTGGCTGTAAAGGGGATGGTGTGAATGACTCCC
 CAGCCCTGAAGAAAGCTGACATTGGTGTAGCCATGGGCATTGCTGGCTCGGATGCTGCTAAAAATGCTGC
 TGACATGATCTTGTGGATGACAACCTTTGCTTCCATTGTGACAGGCGTGGAGCAGGGCCGACTGATCTTT
 GACAACCTGAAGAAATCCATTGCATATACACTGACCAAGAACATTCCAGAACTGACACCCCTACCTTATCT
 ATATCACTGTCAGTGTGCCCTACCCCTTGGGTGATCACCATTCTTTCATAGAAGCTGACACAGATAT
 CTTTCCATCTGTGTCCCTGGCGTACGAGAAGGCTGAGAGCGACATCATGCACCTGCGCCACGGAACCT
 AAGCGTGACCGGTTGGTCAACGAACCCCTGGCTGCTTATTCCTATTTCCAGATTGGTCCATTGAGTGT
 TTGCCGGCTTTGCTGACTACTTACGGCCATGGCGCAGGAGGGCTGGTTCCTCTGTTGTGTGAGGACT
 GCGGCCACAATGGGAGGACCACCATCTACAAGTCTTCAAGACAGCTACGGCCAGGAATGGACATTTGGT
 CAGCGCCTGTACCAGCAGTACACCTGTTACACCGTGTTCATCAGCATCGAGATGTGCCAGATCGCAG
 ATGTCCTCATCCGAAGACACGGCGCCTCTGTTTTCCAGCAGGGATTCTTCAGGAACAAGATCCTGGT
 GATCGCCATCGTGTCCAGGTCTGCATTGGCTGCTTCTGTGCTACTGCCAGGGATGCCTAACATCTTC
 AACTTCATGCCATCCGGTTCAGTGGTGGCTGGTCCCATGCCCTTCGGCCTTCTCATCTTTGTCTATG
 ATGAGATCCGAAACTTGGAGTTCGCTGTTGCCAGGGAGCTGGTGGGACCAGGAACCTACTATTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Ascl-RsrII
- ACCN:** NM_018731
- Insert Size:** 3078 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_018731.3](#), [NP_061201.2](#)
- RefSeq Size:** 3470 bp
- RefSeq ORF:** 3078 bp
- Locus ID:** 11944

Cytogenetics: 7 19.2 cM