

## Product datasheet for MC223816

### Atp13a4 (NM\_172613) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Atp13a4 (NM\_172613) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Atp13a4  
**Synonyms:** 4631413J11Rik; 4832416L12; 9330174J19Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223816 representing NM\_172613  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGGTGACCACCTTGAGAAGAGCCAGCATGCTTTACTCAATGAAGGGGACGAGAATGAGATGGAATAT  
 TTGGCTATCGGACTCAAGGCTGTCGGAAGGCTCTTTGTCTCATTGGATCCATCTTCTCTTGGAAATGCT  
 CCCATTGGTATTTTATTGGAGACCAGCTTGGCGTGTATGGCAAAGTGTGCCATGTTCCCTGCAAGAA  
 GCAGATGTTGTGTGCTGAAGACAACAGATGAATTCAAAATTTATTCTTGAAAAAGTAATATGGATCT  
 CCCTGTCAGCACTGAGCAGCACATCTGGTCTCACGCCTGACCACCCTCTATTACAGACGAGGGATACAT  
 CATAAACAGAGCCATCCGAAAGCCAGATCTAAAGGTGAGATACATAAAAGTGCAGAAAAACGATATGTT  
 TGGAAATAATTTGGAAGGACAGTTTCAGAAAAATTGGCTCCCTGGAAGACTGGCTCAGTTCTGCAAAGATAC  
 ATCAGAAATTTGGATTAGGTCTGACTTCAGAGGAACAAGAGATCAGGAGGTTAATATGTGGGCTAATGC  
 TATTGATGTTGAAATCACACCTATTTGAAACTGCTCATCAAGGAGGTTCTGAATCCATTTTACATCTTT  
 CAACTCTTCAGCGTCTGTTTGTGGTTCAGTGAAGATTACAAGGAATATGCTCTTGCCATCATCTCATGT  
 CTGTCATTTCCATAGCTTTGACCGTGTATGACCTCAGACAGCAATCTGTAAAACTGCACCATCTTGTGTA  
 ATCCATAAATAGCATTACAGTCTCTGTGTATGAGCGAAAAGCTGGAGCCCAAGACCTGGAATCCCGCCTC  
 CTGGTGCCTGGAGATTTATTAATTCTGACAGGGAGCAGAGTGCAATGCCGTGTGACGCCATTCTGATTG  
 ACGGCAGCTGTGTGGTAGATGAAGGCATGCTGACAGGAGAAAGCATTCTGTCACTAAAACCTCACTATC  
 CCAGACAGCTAGTTCTGTGCCCTGGAAGATGCAGTCTGAAGCAGATCCCAGGCGGCATGTTCTTCTGT  
 GGTACGGAGGTGATCCAGGCCAAGGCAGCTGGCTCTGGGGCTGTAAGAGCCGTGGTCTGCAGACAGGAT  
 TCAACTGCAAAGGGGACCTCGTGAGATCCATCCTGTACCCGAAGCCCATGAACCTCAAGCTCTACAG  
 GGATGCCATCAGGTTTCTCCTTTGCCTTGAACCTCCGGAGGAGTGGTAAGGAAAGCCCTGGATGTTATT  
 ACCATTGCAGTGCCTCCCGCTCTCCTGTGCCCTGACCACAGGCATCATCTATGCCAGAGGAGGCTGA  
 AAAAGAAGGGCATATTCTGCATTAGCCCCAGAGGATCAATGTTTGTGGACAGTTAAACCTTGTCTGCTT  
 CGACAAGACAGGCACCTAACGAGGGGAGGCTTGATCCTTGGGGAGTTGTACCCTGTGACCAGAATGGA  
 TTTGAGGAGTCCACAGTTTTGCCTCAGGCAAAGCTTTGCCTCAGGGTCCACTGTGTGACCCATGGCCA



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GCTGCCACTCTCTGATTCTCCTTGATGGCACTATTCAGGGAGACCCTCTGGACCTGAAGATGTTTGAAGC  
 CACCAATGGGAAATGACTGCTTCTGGGGATGACTTCCATATCAAGGAAATGCTGGCACACACCATAGTA  
 GTGAAGCCTACAGACATGGTGGCCAGGTCCCAGCGGAAGGACTCGCAATCGTCCATCAGTTCCCATTCT  
 CATCAGCACTACAGAGGATGACGGTCATCGTCCAGGAGATGGGAGGTGGCCGACTGGCGTTTCATGAAAGG  
 TGCACCGGAGAGAGTGGCCAGCTTTGCCAACCTGACACAGTACCAACTAGTTTTATTAGTGAACCTCAG  
 ATTTACACAACACAGGGTTTCCGAGTCATAGCTCTGGCCTACAAGAAGCTGGAAATGGACTGCCCCACAA  
 CTGCCTTGATGAGGGAGAAGGTGGAATCAGACCTGGTATTTCTGGGATTGCTGATCCTGGGAATCGATT  
 GAAGGAAGAGACCAAGCCTGTGTTAGAAGAGCTCATCTCTGCCCGGATACGGACTGTGATCACAGGT  
 GACAATCTTCAGACTGCAATAACAGTGGCTAGGAAGTCTGGGATGGTTTTCCGAAGGCCAGAAAGTATTC  
 TTGTTGAGGCAATGAAGCCACTGGCTCTTCATCGGCATCTATCTCTTGAAATAGTGGAAAGAGAAGAA  
 ACCTGGTCCATTTGGGAGTCAAGACACCTATATCAACATTAGAGAGGAAGTCCCAGAAAATGGCAGAGAC  
 GGAAGCTACCATTTTGCCTGAGTGGAAAATCCTTTTCATGTTATAAGCCAATATTTTCAGCAGCTTATTGC  
 CAAAGATACTGATCAATGGGACCATCTTTCAGAAATGTCTCTGGGCAAAAGTCAAGCCTGGTGGGAAGA  
 ATTCAGAAAATGGACTACTTTGTAGGTATGTGTGGAGATGGTCCAATGACTGTGGGGCCCTGAAGATG  
 GCTCATGTGGTATCTTTATCAGAGCAGGAGGCATCGGTGGCCTCTCCTTTCACTTCCAAGACTCCAA  
 ACATCGAATGCGTGCCACATCTCATCAAGGAAGCCGCGCTGCTCTCGTTACATCTTTTGCATGTTTAA  
 GTACATGGCCCTCTACAGCATGATTGATGTTGGTGTCTGCTGCTCTACTGGAAGACAAACAGCCTT  
 TCAAAATACCAGTTTCTATTCCAGGATCTGGCCATCACGACTCTTATTGGTGAACAATGAATCTGAATG  
 GTGCCAACCCCAAGCTCGTGCCTTTTCAGACCCGCGAGGGCGGTGATCTCACCCACTCTTCTGCTCTCGGT  
 TGTCTCAACATCTGCTCAGTTTGGCCATGCACATCGTGGGCTTCATCTGGTGCAGAAGCAGCCTTGG  
 TATATCATGGACTATCACAGTGTCTGCCCTGTGAGGAATGAGAGCGCCTCAGCCTTAGCTGCATCTCCCA  
 GCGTTCCTGAGAAAACCAGAAGTAACAGCACCTTTGCGAGTTTGAAGAATACGACAATATGGTTTTTGGG  
 AACATCAACTGTATCTTTGTGGCTCTTGTATTCTCTAAAGGAAAGCCATTTAGGCAGCCACCTATACA  
 AACTATATTTTGCCTTGTGCTGATCTTACAGATGGGCGTATGTCTTTTCATTCTATTTGCGGATATCC  
 CAGAGATGCATAGGCGTTTGGACCTGCTCTGCACTCCTGTCTGTGGAGAGTCTACATTCTCATCATGAT  
 CAGCTCCAACCTTTGTTGTGTCCCTTGTGTGGAGAAGGCCATTATTGAAAACCGAGCTCTGTGGATAGCA  
 GTCAAAAGATGTTTTGTTATCAATCAAAAAGTCAGTATCGGATATGGCAGAGGAACTTGGCAAATGATT  
 CAAGCTGGCCCCCACTGAACCAACCTCTACTCTGACATGCAGGGGGTGTCTACAGCAACCCGGTGT  
 TGAGAGCAATGAGGAGCAACTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_172613
- Insert Size:** 3525 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\\_172613.4](#), [NP\\_766201.3](#)

**RefSeq Size:** 4057 bp

**RefSeq ORF:** 3525 bp

**Locus ID:** 224079

**Cytogenetics:** 16 B2