

## Product datasheet for **MC222346**

### **Atp13a4 (NM\_001164613) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Atp13a4 (NM_001164613) 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



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**Fully Sequenced ORF:** >MC222346 representing NM\_001164613  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGTGACCACCTTGAGAAGAGCCAGCATGCTTTACTCAATGAAGGGGACGAGAATGAGATGGAATAT  
 TTGGCTATCGGACTCAAGGCTGTCGGAAGGCTCTTTGTCTCATTGGATCCATCTTCTCTCTTGGAAATGCT  
 CCCATTGGTATTTTATTGGAGACCAGCTTGGCGTGTATGGGCAAACCTGTGCCATGTTCCCTGCAAGAA  
 GCAGATGTTGTGTGCTGAAGACAACAGATGAATTCAAAAATTTATTCTTGGAAAAAGTAATATGGATCT  
 CCCTGTCAGCACTGAGCAGCACATCTGGTCTCACGCCTGACCACCCTCTCATTACAGACGAGGGATAACAT  
 CATAAACAGAGCCATCCGAAAGCCAGATCTAAAGGTGAGATACATAAAAGTGCAGAAAAATACGATATGTT  
 TGGAAATAATTTGGAAGGACAGTTTCAGAAAATTTGGCTCCCTGGAAGACTGGCTCAGTTCTGCAAAGATA  
 ATCAGAAAATTTGGATTAGGTCTGACTTCAGAGGAACAAGAGATCAGGAGGTTAATATGTGGGCTAATGC  
 TATTGATGTTGAAATCACACCTATTTGGAACTGCTCATCAAGGAGGTTCTGAATCCATTTTACATCTTT  
 CAACTCTTCAGCGTCTGTTTGTGGTTTCAGTGAAGATTACAAGGAATATGCTCTTGCCATCATCTCATGT  
 CTGTCAATTTCCATAGCTTTGACCGTGTATGACCTCAGACAGCAATCTGTAAAACCTGCACCATCTTGTGTA  
 ATCCCATAAATAGCATTACAGTCTCTGTGTATGAGCGAAAAGCTGGAGCCCAAGACCTGGAATCCCGCCTC  
 CTGGTGCCTGGAGATTTATTAATCTGACAGGGAGCAGAGTGCAATGCCGTGTGACGCCATTCTGATTG  
 ACGGCAGCTGTGTGGTAGATGAAGGCATGCTGACAGGAGAAAAGCATTCTGTCACTAAAACCTCCACTATC  
 CCAGACAGCTAGTTCTGTGCCCTGGAAGATGCAGTCTGAAGCAGATCCCAGGCGGCATGTTCTCTTCTGT  
 GGTACGGAGGTGATCCAGGCCAAGGCAGCTGGCTCTGGGGCTGAAGAGCCGTGGTCTGCAGACAGGAT  
 TCAACACTGCAAAGGGGACCTCGTGAAGTCCATCCTGTACCCGAAGCCCATGAACCTCAAGCTTACAGAG  
 GGATGCCATCAGGTTTCTCCTTTGCCTTGTAGGGACAGCCACCATTGGCATGGTCTATACTCTGTGTGTC  
 TATGTGCTCAGTGGGAACTCCGGAGGAGGTGGTAAGGAAAGCCCTGGATGTTATTACCATTGCAGTGC  
 CTCCCGCTCTCCCTGCTGCCCTGACCACAGGCATCATCTATGCCAGAGGAGGCTGAAAAAGAAGGGCAT  
 ATTCTGCATTAGCCCCAGAGGATCAATGTTTGTGGACAGTTAAACCTTGTCTGTTTCGACAAGACAGGC  
 ACCTTAACGAGGGGAGGCTTGGATCCTTGGGGAGTTGTACCCTGTGACCAGAATGGATTTTCAGGCAGTCC  
 ACAGTTTTGCCTCAGGCAAAGCTTTGCCTCAGGGTCCACTGTGTGCAGCCATGGCCAGCTGCCACTCTCT  
 GATTCTCCTTGATGGCACTATTCAGGGAGACCCTCTGGACCTGAAGATGTTTGAAGCCACCAATGGGAA  
 ATGACTGCTTCTGGGATGACTTCCATATCAAGGAAATGCTGGCACACCCATAGTAGTGAAGCCTACAG  
 ACATGGTGGCCAGGTCAGGCGGAAGGACTCGCAATCGTCCATCAGTTCCCATCTCATCAGCACTACA  
 GAGGATGACGGTCATCGTCCAGGAGATGGGAGGTGGCCGACTGGCGTTCATGAAAGGTGCACCGGAGAGA  
 GTGGCCAGCTTTTGCCAACCTGACACAGTACCAACTAGTTTTATTAGTGAACCTCAGATTTACACAACAC  
 AGGGTTTTCCGAGTCATAGCTCTGGCCTACAAGAAGCTGGAATGGACTGCCCCACAACCTGCCTTGATGAG  
 GGAGAAGGTGGAATCAGACCTGGTATTTCTGGGATTGCTGATCCTGGAGAATCGATTGAAGGAAGAGACC  
 AAGCCTGTGTTAGAAGAGCTCATCTCTGCCCGGATACGGACTGTCATGATCACAGGTGACAATCTCAGA  
 CTGCAATAACAGTGGCTAGGAAGTCTGGGATGGTTTCCGAAGGCCAGAAAGTCAATCTTGTGAGGCAAA  
 TGAAGCCACTGGCTCTTCATCGGCATCTATCTCTTGGAAATTAGTGAAGAGAAGAAACCTGGTCCATTT  
 GGGAGTCAGGACACCTATATCAACATTAGAGAGGAAGTCCAGAAAATGGCAGAGACGGAAGCTACCATT  
 TTGCCCTGAGTGGAAAATCCTTTTCATGTTATAAGCCAATATTTTCAGCAGCTTATTGCCAAAGCTAGTTAT  
 GAACAATTTTCTGGGAAGCAGCTGCGTCTTTGCCCTTCTCCTGGGTCTGTGTATGTCTCGATTGTAATA  
 CCTCGGATTCCATTGGTTCAACTTTCTGTGAAGCTCAAGATTTTTTCAGGATATGGCAGAGAAGGCAGTAT  
 TCTCCATGGCAGCTGGTTCAATTACACAGGGCATTAAAAAA**TAA**

**ACGGCT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001164613

<b>Insert Size:</b>	2637 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001164613.1</a></u> , <u><a href="#">NP_001158085.1</a></u>
<b>RefSeq Size:</b>	2903 bp
<b>RefSeq ORF:</b>	2637 bp
<b>Locus ID:</b>	224079
<b>UniProt ID:</b>	<u><a href="#">Q5XF90</a></u>
<b>Cytogenetics:</b>	16 B2