

## Product datasheet for MC229438

### Atp13a5 (NM\_001284375) Mouse Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Atp13a5 (NM_001284375) Mouse Untagged Clone                                        |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Atp13a5                                                                            |
| Synonyms:                 | C630015F21Rik                                                                      |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >MC229438 representing NM_001284375<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAAGAGCAAGAAGGATGGCCACCAGGCTGTGCTCAATGAAGGGGAGGAGAATGAGCTGGAGGTGT  
TTGGCTACCATACCCAGAATTTACGGAGAGCACTGTGCCTTGTACAGCCATCCTGACTCTTGGGGCAGT  
TCAGCTGATGTTCTACTGGAGGCTGAGTGGTGGGTGGACCAGTTGCATCCCATGCCCTTGCAAGAA  
GCAGACACAATTTTGTGAGGACAACCGATGAATTTTGAAGATATATGAGGAAAAAGGTCTTCTGCCTCC  
ACTTATCCCACTGAAGTTTCTATAAGCAAGAACCCAGAGGAACCTCTGGTAGCTGACCACCACTCAGT  
CATAAACCAAGCTGTGATGAAGCCAGAATAAACTACGATGCATCCAAGTGCAGAAAAAAGGTACGTG  
TGGGATTTCTTGAAGAAGCGATTTTCAAGAAAGTTGGGTTGCTGGAAGACAGTAACCTCTGCTTTGACATCC  
ACCATACGTTTGGATTGGGTCTGACCAATGAAGAGCAAGAGGTGAGAAGGTTAGTGTGTGGGCCCAACTC  
GATCGAGGTGGAGATCCAACCATATGGAAGCTGCTTGTAAACAGCAATCAGTTAAGCTACACAAGCTT  
GTGGAGGAGCACAACAAAGTCCAGGTACGATCACAGTAAGAGACAAAGGTCTACAGGAGCTGGAGTCCC  
GTCTCTGGTTCAGGAGATATTCTATTCTTCCAGGGAAAAATTTCACTGCCCTGTGATGCTATCTTGAT  
CGATGGGAGTTGTGTGGTGAATGAAGGAATGCTCACAGGAGAAAGTATACCTGTTACAAAGACACCATTG  
CCCCAACGGAGAACACCATGCCCTGGAATCGCACAGTTTGGAGGACTACCGGAAACACGTGCTCTTCT  
GTGGAACAGAAGTTATTACAGTCAAGCCATCTGCTCAGGGGCTTGTAGAGCTGTTGTTCTGCAGACAGG  
TTATAATACAGCCAAAGGAGACTTGTGAGATCCATCCTCTACCTCGACCTCTGAACCTCAAAGTGTAT  
AATGATGCCTTCAAGTTCATGGTGTCTGCTGCGTTGGTGTGTGGGATTTTCTATGCCCTAGGTG  
TCTATATGTACCATGAAGTACCTCCGAGAGAACTGCAACCATGGCCCTGATCCTTCTCAGTGCCACCGT  
CCCTCCCGTGCTCCCGGCTGCACTGACCATAGGCAACGTGTACGCCAGAGAGGTTGAAGAAGGAGAAG  
ATTTTCTGTATCTCCCCGAGAGAATCAACATGTGTGGTCAGATCAACCTCGTGTGCTTCGACAAAAACAG  
GAACCTCTGACAGAAGATGGGCTGGACCTCTGGGGGACTGTCCCCACCGCTGGCAACTGTTCCAGGCAGT  
CCACAGCTTGCCTCAGGTGAGGCTGTGCCCTGGGGCCCACTGTGTGCAGCCATGACTAGCTGCCATTCT



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CTGATCCTTCTTGATGGGACCATCCAAGGAGACCCTTTGGACCTCAAAATGTTTGAAGGCACTGGTTGGA
ATATGGAAGATAGCCAAGTGGCCTCCTGCAAAATTTGGCATGGCAGATTCAAGCACAGTAATAAACCCAGG
ACCGAAAGCCAGCCAGAGTCCTGTGGACAGCATCACCATCTTGCGCCAGTTTCCATTTTCTCAGGCCTG
CAAAGGATGTCTGTGATTGCTCAGCTGGCTGGTGACCTTCACCTCCACGTCTACATGAAGGGAGCCCCAG
AAATGGTGGCCAGGTTCTGCCGCTCTGAAACGGTGCCTAAGAATTCTCGCAGGAGCTGAGGAATTACAC
AGTGCAAGGCTTCCGAGTCATTGCTCTTGCCACAAAACCCTAAGATGGAGAGGCTTTCAGATATGGAC
CATCTAGCAAGGGAGAAAGTGGAGCTGAGTTGGCCTTTCTGGGACTTCTCATAATGGAGAATCGTTGA
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CAATCTTCAAACTGCCATCACTGTTGCTAAAAATTCTGAAATGATTCTGTGGGAGCCAGGTGCTGATT
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TTTTGCAATGAGTGGGAAGTCATACCAAGTGTTATTTTCATCATTTCTACAGCATGCTGCCACAAATCTG
GTAAATGGAACCATTTTTGCAAGAATGTCTCTGGGCAGAAGTCAAGCCTCGTGAAGAGTTTCAGAAAT
TAAATTATTATGTGGGCATGTGTGGAGATGGAGCCAATGACTGTGGGGCTTTGAAATGGCTCATGCTGG
CATCTCACTATCAGAACAGGAAGCATCCGTGGCATCTCCCTTCACCTCGAAAACAGCCAATATCGAGTGT
GTGCGCTCATCTCATCAGGGAGGGCCGGGCTGCTCTGGTCTCATCCTTCGGTGATTAAATACCTGACTA
TGTACGGCATCATCCAGTTTATTGGAACATCACTTCTGTACTGGCAACTACAGCTCTTTGGTAACCTACCA
GTACCTCCTGCAAGATGTGGCCATCACGCTGATGGTCAGCTTAACAATGAGCATAAACCATGCCTACCCG
AAGTTGGCTCCCTACAGACCAGCAGGACAACCTACTTTCTCCTCAGTTGCTACTCTCAGTCTTCATGAATT
CCTGTTTTACCTGCATTGTGCAAGTGTGTACATTTCTCACCGTGAACAGCAGCCTTGGTACTGCGAGGT
CTACAAATACAGTGAATGCTTTCTGGTCAACCAAGTAACCTCTCAGCCAACGTGAGTTTGGACCGAAAC
TGGACTGGAAATGCAACTCTGGTTCCCGCTTCTGTGCTAAGTTTCGAGGGCACTACGTTTGGGCCATCG
TCACCTTCAACTGCATCTCTGCAGCATTTATTTTTCTAAGGGAAGCCGTTTCGGAACCCATCTACGC
AACTATTATTCTCCCTTCTGCTGGCATCTGCTGCGGGCTCACTATTTTCATTCTGTTTTGTGATTTT
CAAGACCTGTACCGTAAATGGAGTTTCATCCCAACCCCAACATCATGGAGAGTTTCAATTCTGATAGCAG
CTTTTGTCCAGTTCTGCGTTGCTTCTTTGTAGAGGATGCCGCTCTTCAAAACAGAGAGCTCTGGCTGTT
TATCAAGAAAGAATTTGGATTCTACTCCAAAAGTCAGTATAGGATCTTGCAGAGAAAGCTGGCAGAGGAC
TCTACATGGCCTCCCGTGAACAGGACAGATTATGCAGTCAATGGCAAAATGGATTCTATGTCAACAGAG
CCTATGAGAGCCCCGAAGAGGTCCCCAAAGGGAAGCTCAAGCTGGAAGAGCAGGCTTCAGAACAGCACTT
TTGGACTAGACTGTA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |                                                                                                                                                                                                                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Restriction Sites: | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                      |
| ACCN:              | NM_001284375                                                                                                                                                                                                                                                                                                                                   |
| Insert Size:       | 3516 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). |
| OTI Annotation:    | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.                                                                                                                                                                                                                                                   |
| 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001284375.1](#), [NP\\_001271304.1](#)

**RefSeq Size:** 4400 bp

**RefSeq ORF:** 3516 bp

**Locus ID:** 268878

**UniProt ID:** [Q3TYU2](#)

**Cytogenetics:** 16 B2