

## Product datasheet for MC223368

### Ahi1 (NM\_026203) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ahi1 (NM\_026203) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ahi1  
**Synonyms:** 1700015F03Rik; Ahi-1; D10Bwg0629e  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223368 representing NM\_026203  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGCCAGAACTCCAGAGAAGGTGGATTCTGCACAAGAGAAAGTCAAGGCAAGACCCCGACAGCAG  
 ATGATTCAGATGACAGCCGAGAAAAGACTGGCATAGAAGAGAAAGGAGAAGTACCGACGCCTATCAGT  
 GCAGGTAGCTGAAGAAATGGCAAAGGAGATCAAGAAGAAAATAAGAAAGAAGCTAAAGGAACAGCTGACC  
 TACTTTCCCTCCAGACACTCTATTGCATGACGACAAGCTGGCCAGTGAAAAAGAAAGAAGAAGAAGA  
 AAGTGCCAGTGCCCACTAAGCCTGAGTCAAGTCCCTCAGATGTCTGTGACAGTGCAGTTGAAGGGGAACA  
 AAAGAAAGAAGGTACCCCTGAGGACTCTCAGCACATGGAGGGAATCTGCTCGAGAGAGCAGGATGTGGAT  
 GCCACTGTGCCAGAGAACGCAAAGCCAAACCAAGAAGACAAAGAAGAAGACTAAAGCAGTTTCAAATG  
 ATAATGAAGACACTAATGGAGATGGTGTTCATGAGATAACAAGCCGAGACAGCCAGTTCATCCCAAGTG  
 CTTGCTGGATGATGACCTCGTCATGGGAGTCTACATTCACCGAACCGATAGACTTAAATCTGACTTTATG  
 ATTTCTCACCCAATGGTAAAGATCCATGTGGTTGATGAGCACACTGGCCAGTACGTCGAAGAAAGATGACA  
 GTGAACGTCCTGTTTCATCTTATTATGAGAAAGACAACGTGGACTATATTTCTCCCTATTATGACACAGCC  
 ATATGACTTTAAAAGCTAAAGTCAAGGCTTCCGGAGTGGGAGGAGCAAGTTATTTTAAATGAAAATTTT  
 CCTATTTGCTTCGAGAGTTTGAAGAATGTCCAAAAGTATCCTGTTCTTTGAGATTCTTGACTTTTTAA  
 GCATGGATGAAATCAAGAATAACTCTGAGGTTCAAACCAAGAGTGTGGCTTTTCGGAAAATTGCCTGGGC  
 GTTTCTTAAGCTTCTGGGAGCCAATGGGAATGCAAACATAACTCAAACCTTCGCTGCAGCTCTACTAC  
 CCACCGACTAAGCCTCGATCCCAGCTAAATGTCGTCGAGGTTTTTGAATGGTGGTCCAAGTGTCCAAGAA  
 ATCGTTATCCATCAACATTGTATGTAACCGTACGAGGATTGAAAGTCCCGACTGTATAAGCCATCTTA  
 CCGCTCTATGATGGCTCTCCAGGAGGAAAGGGGTACACCAAGTGTACTGTGAACGTACCGTGAAACAAGT  
 TCCGTGGACACAGAACCTGGACTAGAAGATTCAAAGGAGGAAGTGAAGTGGAAACGTCTGCCTGGCCAGG  
 CCTGTCGTATCCCAAACAAGCATCTCTTCTCACTGAATGCTGGAGAACCGGCTGTTTCTGTCTTGATTT  
 CTCTACAATGGAAGGATATTAGCAGCAGCCTGTGCCAGCCGAGACGGATATCCGATTATATTATATGAA  
 ATTCTTCTGGACGTTTTATGAGAGAATTGTGTGGCCACCTCAATATCATTTATGATCTCGACTGGTCAA



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AAGACGATCGCTATCTCGTTACTTCATCCTCTGACGGCACTGCCAGAGTTTGAAGAATGAAATCAATAG  
CACGAGCACGTTACAGTCTTACCTCACCCCTCCTTCGTCTACACGGCTAAATCCACCCAGCCACACGG  
GAGCTGGTGGTTACAGGATGCTACGACTCTATGATAAGGATTTGGAAAATTGATGCAAGGGAGGATGCTG  
CCATATTAGTGCGCCAGTTGGATGTGCACAAGAGCTTTGTCAACTCCATCTGTTTTGACGATGAAGGTCA  
CCACATGTA CT CAGGAGACTGCATCGGGGTCATCGTTGTCTGGGACACGTACGTCAAAGTGAATGATGTG  
CAACACTCCGTGCGCCACTGGACGATAAATAAGGAAATTAAGGAACTGAATTCAGGGGAGTTCCAATAA  
GTTACCTGGAGGTTCAATCCCAATGGAAAAGCGTTTGCTAATCCACACCAAGACAGTACTCTGAGGATTAT  
GGACCTGCGGATATTGGCAGCCAGGAAATTTGTGGGTGCAGCAAATTACGTTGAGAAGATCCATAGCACC  
TTGACGCCGTGCGGGACTCTGCTTTTTCTGGGAGTGAGGATGGGATAGTATACGTTTGGAAACCCAGAGA  
CAGGAGAACAAAGTGGCAATGTA CT CTGACTCTGACCTGCCATTCAAGTCCACAATCCGAGACATCTTTACCACC  
CCTGGAGAATA TGGTTGCCTTCTGTGCCTTTGGACAGAGCGAGCCGATTCTTTTATATTTATGATTTT  
CAGGTAGCCAGCAGGAGGCTGAAATGTTGAAACGCTATAGTGGGACACTCCCGTTGCTGGGATACATC  
AGAGTGAGGATGCTTTATGCACCTGCCCTAAGCTGCCCCAGCAGGGCTCTTTTCAGATTGATGAATTTGT  
CAACACTGAAAATAGTTCATCAAGAAAGATTCACTTGTGAAACAGAGACTCGAAACTGTCACAGAGGTG  
ATACGATCCTGTGCTGCAAAAAGTCAACAAAATCTCTCAATGACTTCGCCACCACCAGGCCCTGCAAGA  
AGCCCAGGGTAAAGCAGTCGTTCTGTGCTGACCACTGATGAGATCATACTAGTTTGGACTCCCCAGAC  
TGCATTTATCAGCATAGAGAGAGGGCCTTTTGTGCGCCATGTTGATCCACCACCAATGGTAGTGGCTCTT  
TATGACTACACAGCCAGCCGATCAGATGAACTAACCATCCATCGTGGAGACATTATCCGAGTGTATTTCA  
AAGATAATGAAGACTGGTGGTACGGCAGCGTAAGAAAGGGGCAGGAAGGGTTCTTTCCAGCTAATCATGT  
GGCCAGTGAAACTGTATCGAGACTCCCTCCGAAGGTAAGAGGAGCGCTCCCTCCTTTAACTCCCAAG  
GAGAAAATAAACCAGAAAAGCCTCTGGCTTCTCAAAGCAGTCGCTCAGTAAGGGCAGACCCCTGGATC  
CCAGACTGGGCCCGCAGCCTGTGGGCAATTCTGAGAAGGGCAAAGATCAAACGTGGAGGACCCGAGGACA  
CAAAGTAGATATGGAGACAAAGAAAAGCAGCCGGTGGTCCGCAAAGTCAACCTGATAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_026203
- Insert Size:** 3144 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\\_026203.3](#), [NP\\_080479.2](#)
- RefSeq Size:** 4885 bp
- RefSeq ORF:** 3144 bp

Locus ID: 52906

Cytogenetics: 10 9.75 cM