

Product datasheet for **MC201186**

Ahcy (NM_016661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ahcy (NM_016661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ahcy
Synonyms:	AA987153; AL024110; CuBP; SAHH
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC015304 sequence for NM_016661
CTGAGTTCATCAGTCCTAGCGGAAGCGCCGCCAGCATGTCTGATAAACTGCCCTACAAAGTCGCGGACAT
CGGACTGGCCGCTGGGGACGGAAGGCTCTGGATATAGCTGAGAAATGAGATGCCAGGATTGATGCGCATG
CGGGAGATGTAAGTCAAGCCTCCAAGCCACTGAAGGGTGTCTGCATTGCTGGCTGCCTGCACATGACCGTGG
AGACTGCTGTTCTCATTGAGACTCTCGTGGCCCTGGGTGCTGAGGTGCGGTGGTCCAGCTGCAACATCTT
CTCTACTCAGGACCATGCAGCGGCTGCCATTGCCAAGGCTGGCATTCCAGTGTTCCTGGAAGGGCGAG
ACAGATGAGGAGTACCTGTGGTGCATTGAGCAGACGCTGCACTTCAAGGACGGACCCCTCAACATGATTC
TGGATGATGGTGGTGACCTTACTAACCTCATCCACACCAAAATACCCACAGCTTCTGTGAGGCATCCGAGG
TATTTCTGAGGAGACCACAACCTGGGGTCCACAACCTCTACAAGATGATGTCCAATGGGATCTGAAGGTG
CCTGCCATCAATGTCAACGATTCTGTCCACAAGAGCAAGTTTGACAACCTCTATGGCTGCCGGGAGTCCC
TCATAGATGGCATCAAACGGGCCACAGATGTGATGATTGCGGGCAAGGTGGCGGTGGTGGCAGGCTATGG
TGATGTGGGCAAGGGCTGTGCCAGGCCCTGAGGGGTTTTGGGGCCGAGTCATCATCACCGAGATCGAC
CCCATCAATGCACTGCAAGCTGCCATGGAGGGCTATGAGTAACCACTATGGACGAAGCCTGTAAGGAGG
GCAACATCTTTGTACCACCACAGGCTGTGTGGATATCATCCTTGGCCGGCACTTTGAGCAGATGAAGGA
TGACGCCATTGTCTGTAACATTGGACACTTCGATGTGGAGATTGATGTGAAGTGGCTCAATGAGAACCGG
GTGGAGAAAGTGAACATCAAGCCCCAGGTGGACCCTACTGGCTAAAGAAATGGGGCCCGCATCATCTTGC
TGGCTGAAGGCCGTCTGGTCAACCTGGGTGTGCTATGGGACACCCAGCTTTGTGATGAGCAACTCCTT
CACAAACCAGGTGATGGCACAGATTGAGCTGTGGACCCACCCAGATAAATACCCTGTTGGGGTTCACCTC
CTGCCTAAGAAGCTGGATGAGGCGGTGGCTGAAGCCCACTGGGCAAGCTGAATGTGAAGCTGACCAAGC
TGACTGAGAAGCAGGCCAGTACCTGGGCATGCCATCAACGGCCCTTCAAGCCTGATCACTACCGCTA
CTGAGTGTGGGGCTGTCTTACCTTCCAGCTGCCATCCTTGTCCGGGCCCTATCTCTCGTCCCAAG
AGCAAATGTCACCAACTTTGCAGTAGCCTGGACAGTGTCTTCCACACAGCCCTCCCTTACACCTCT
GGGGTGGTCACTCTGTCTTTGACCTTGTCTGTATCCCTCATACTGTTCCAGGTGTGGAGGGGAATGGA
GAGGTACCTGGTAGGCATCCACAGGGGACATGATCTCAGAAGTCTTGAAGTCTGAGGCTGGATGTTGC
TAGTGATGGTCAAGCCATGCACCTTATCATTGATACCCCTCACTTGGTCTTTAGATCTGTGTGCCTGGT
TTGAGATCCATTGTTTCTCAGTCCAGGACCCAGAAGCAGCTCCACCAAGAGCAGGAACCCCTGGAG
TTTGAAGGCCCGAGAGCTGGGCCTTTTTACTGTTGGGCAGTCTCTTAAACCTCATGACTGAGTTGG
TACTTTTTTTGGTCCCTATTTACAAGGGTTAGGATAGATTAACCAAGAAAGGACAAGTGACAGACTGAA
AGGGGCTGGAAAAACAAGAGGAAAAGGCCTGTCACTTCTGTATAGTTGATGGTTCCTGTCACAAGCCCA
GGTCAAAACAGATTAATTTGTTTTATAATGTTTATATGCTATTTAGAATGTTAACAAGGAAGGTGGAT
AAAATACAGTTTCTACTGCCTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_016661

Insert Size: 1299 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: [BC015304](#), [AAH15304](#)

RefSeq Size: 2067 bp

RefSeq ORF: 1299 bp

Locus ID: 269378

UniProt ID: [P50247](#)

Cytogenetics: 2 76.94 cM

Gene Summary: Adenosylhomocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore adenosylhomocysteinase may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.[UniProtKB/Swiss-Prot Function]