

## Product datasheet for RN201822

### Ahcy (NM\_017201) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ahcy (NM_017201) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ahcy
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201822 representing NM_017201 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGATAAACTGCCCTACAAAGTCGCGGACATTGGACTGGCTGCCTGGGGACGGAAGGCCCTGGACA  
TAGCTGAGAACGAGATGCCAGGTTTGTATGCGCATGCGGGAGATGTAAGCTCAGCCTCCAAGCCACTGAAGGG  
CGCTCGCATTGCTGGCTGCCTGCACATGACTGTGGAGACTGCTGTCTCATTGAGACTCTCGTGGCCCTG  
GGTGCTGAGGTGCGGTGGTCCAGCTGCAACATCTTCTCCTCAGGACCATGCAGCGGCTGCCATTGCCA  
AGGCTGGCATTCCAGTGTTCCTGGAAGGGAGAGACGGATGAAGAGTACCTGTGGTGCATTGAGCAGAC  
GTTGCACTTCAAGGACGGACCCCTCAACATGATTCTGGATGATGGCGGTGACCTTACTAACCTCATCCAC  
ACCAAACACCCACAGTTCTGTGAGGCATCCGAGGTATCTCTGAGGAGACCAGACTGGCGTCCACAACC  
TCTACAAGATGATGGCCAATGGGATACTGAAGGTGCTGCCATCAACGTCAACGATTCTGTCACCAAGAG  
CAAGTTTGACAACCTCTATGGCTGCCGGGAGTCCCTCATAGATGGCATCAAACGGGCAACAGATGTGATG  
ATTGCGGGCAAGGTGGCAGTGGTAGCAGGCTATGGTATGTGGCAAGGTTGTGCCAGGCCCTGCGGG  
GTTTCGGGGCCCGAGTCATCATCCGAGATTGACCCCATCAATGCACTGCAAGCTGCCATGGAGGGCTA  
CGAGGTAACCACCATGGACGAGGCTGTAAAGGAGGCAACATCTTTGTGACCACCACGGGCTGTGTTGAT  
ATCATCTTGGTGGCACTTTGAACAGATGAAGGATGATGCCATTGTCTGTAACATTGGACACTTCGACG  
TGGAGATTGATGTGAAGTGGCTCAATGAGAACGCTGTGGAGAAGGTGAACATCAAGCCCCAGGTGGACCG  
CTACTTGCTAAAGAATGGGCACCGCATCATCTTGTGGCTGAGGGCCGTCTGGTCAACCTGGGTTGTGCC  
ATGGGCCACCCAGCTTCGTGATGAGCAACTCCTTCAAAACAGGTGATGGCACAGATTGAGCTGTGGA  
CCCACCCAGACAAATACCCCGTGGGGTTCACTTCTGCTAAGAAGCTGGATGAGGCAGTGGCTGAAGC  
CCACCTGGGCAAGCTGAACGTCAAGCTGACCAAGCTGACTGAGAAGCAGGCTCAGTACCTGGGCATGCC  
ATTAACGGCCCTTCAAGCCTGATCACTACCGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_017201
<b>Insert Size:</b>	1299 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_017201.1</a></u> , <u><a href="#">NP_058897.1</a></u>
<b>RefSeq Size:</b>	2029 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	29443
<b>UniProt ID:</b>	<u><a href="#">P10760</a></u>
<b>Cytogenetics:</b>	3q41
<b>Gene Summary:</b>	enzyme that catalyzes the hydrolysis of S-adenosylhomocysteine to form adenosine and homocysteine [RGD, Feb 2006]