

Product datasheet for **SC209749**

S adenosylhomocysteine hydrolase (AHCY) (NM_000687) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: S adenosylhomocysteine hydrolase (AHCY) (NM_000687) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AHCY
Synonyms: adoHcyase; SAHH
ACCN: NM_000687
Insert Size: 796 bp
Insert Sequence: >SC209749 3'UTR clone of NM_000687
The sequence shown below is from the reference sequence of NM_000687. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCTTCAAGCCGGATCACTACCGCTACTGAGAGCCAGGTCTGCGTTTCACCTCCAGCTGCTGTCCTTG
CCCAGGCCCCACCTCTCCTCCCTAAGAGCTAATGGCACCAACTTTGTGATTGGTTTGTGAGTGCCCCC
ATCGACTCTCTGGGGCTGATCACTTAGTTTTTGGCCTCTGCTGCAGCCGTCATACTGTTCCAATGTGG
CAGCGGGAACAGAGTACCCTCTTCAAGCCCGGTATGATGGAGGTTCCAGCCACAGGGAACCATGAGC
TCAGTGGTCTTGGAACAGCTCACTAAGTCAAGTCCCTTAGCCTGGAAGTCAAGTGGAGTCAACAAA
GCCCATGTGTTTTGCCATCTAGGCCTTACCTGGTCTGTGGACTTATACCTGTGTGCTTGGTTTACAGG
TCCAGTGGTCTTACAGCCATGACAGATGAGAAGGGGCTATATTGAAGGGCAAAGAGGAAGTGTGTTT
GAATTTTCTGAGAGCCTGGCTTAGTGCTGGGCCTTCTCTTAAACCTCATTACAATGAGGTTAGTACTT
TTAGTCCCTGTTTTACAGGGTTAGAATAGACTGTTAAGGGCAACTGAGAAAGAACAGAGAAGTGACA
GCTAGGGGTTGAGAGGGCCAGAAAACATGAATGCAGGCAGATTCGTGAAATCTGCCACCACTTTAT
AACCAGATGGTTCCTTTCACAACCTGGGTCAAAAAGAGAATAATTTGGCCTATAATGTTAAAAGAAAG
CAGGAAGTGGGTAAATAAAAATCTTGGTGCCTGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_000687.4
Summary:	S-adenosylhomocysteine hydrolase belongs to the adenosylhomocysteinase family. It catalyzes the reversible hydrolysis of S-adenosylhomocysteine (AdoHcy) to adenosine (Ado) and L-homocysteine (Hcy). Thus, it regulates the intracellular S-adenosylhomocysteine (SAH) concentration thought to be important for transmethylation reactions. Deficiency in this protein is one of the different causes of hypermethioninemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2009]
Locus ID:	191
MW:	29.6