

Recombinant Human Adenosylhomocysteinase, GST-tagged

Cat. No. AHCY-418H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AHCY (human S-adenosyl homocysteine hydrolase) (amino acids 2-end) with N-terminal GST tag, MW = 73 kDa, expressed in an <i>E. coli</i> expression system.
Species	Human
Source	<i>E. coli</i>
Description	Adenosylhomocysteinase is an enzyme which converts S-adenosylhomocysteine to homocysteine.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	>90%.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 20% glycerol, and 3 mM DTT.
Stability	>6 months at -80°C.

GENE INFORMATION

Gene Name	AHCY adenosylhomocysteinase [<i>Homo sapiens</i>]
Synonyms	AHCY; adenosylhomocysteinase; SAHH; S-adenosylhomocysteine hydrolase; EC

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3.3.1.1; AdoHcyase; S-adenosyl-L-homocysteine hydrolase; OTTHUMP00000030684

Gene ID

191

mRNA Refseq

NM_000687

Protein Refseq

NP_000678

MIM

180960

UniProt ID

P23526

**Chromosome
Location**

20cen-q13.1

Pathway

Methionine metabolism; Selenoamino acid metabolism; Biological oxidations

Function

adenosylhomocysteinase activity; copper ion binding; hydrolase activity; protein self-association

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