Recombinant Human S-adenosyl-L-homocysteine hydrolase

Cat. No. AHCY-2H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	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.
Form	Liquid
Purity	Greater than 90% as determined by Analysis by SDS-PAGE.
Usage	This product as supplied is intended forresearch use only, not for use in human, therapeutic or diagnostic applications.
Storage Buffer	20 mM Tris pH 7.5, 20% glycerol, 1‰NaN3

GENE INFORMATION

Gene Name	AHCY adenosylhomocysteinase [Homo sapiens]
Official Symbol	AHCY

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	AHCY; adenosylhomocysteinase; S adenosylhomocysteine hydrolase; SAHH; adoHcyase; S-adenosylhomocysteine hydrolase; S-adenosyl-L-homocysteine hydrolase;
Gene ID	191
mRNA Refseq	NM_000687
Protein Refseq	NP_000678
MIM	180960
UniProt ID	P23526
Chromosome Location	20q11.22
Pathway	Biological oxidations, organism-specific biosystem; Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Methionine degradation, organism-specific biosystem;
Function	adenosylhomocysteinase activity; hydrolase activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA