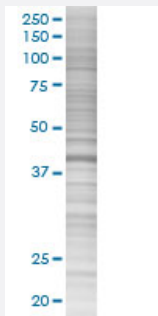


AHCY 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000191-T01

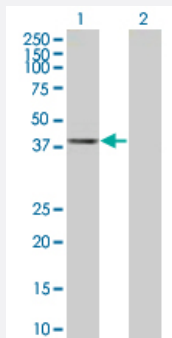
Size 100 uL

Applications



SDS-PAGE Gel

AHCY transfected lysate.



Western Blot

Lane 1: AHCY transfected lysate (47.63 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AHCY full-length
Host	Human
Theoretical MW (kDa)	47.63
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-AHCY antibody ([H00000191-B01](#)) by Western Blots.
SDS-PAGE Gel
AHCY transfected lysate.
Western Blot
Lane 1: AHCY transfected lysate (47.63 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — AHCY

Entrez GeneID[191](#)**GeneBank Accession#**[NM_000687.1](#)**Protein Accession#**[-](#)**Gene Name**

AHCY

Gene Alias

SAHH

Gene Description

S-adenosylhomocysteine hydrolase

Omim ID[180960](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

OTTHUMP00000030684|adenosylhomocysteinase

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Aortic Aneurysm](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hyperhomocysteinemia](#)
- [Microsatellite Instability](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Tooth Abnormalities](#)
- [Venous Thrombosis](#)