

Recombinant Mouse Ahcy Protein, Myc/DDK-tagged

Cat. No. Ahcy-1564M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length S-adenosylhomocysteine hydrolase (Ahcy), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adenosylhomocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore adenosylhomocysteinase may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.
Molecular Mass	48.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ahcy S-adenosylhomocysteine hydrolase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ahcy
Synonyms	AHCY; S-adenosylhomocysteine hydrolase; adenosylhomocysteinase; adoHcyase; liver copper-binding protein; S-adenosyl-L-homocysteine hydrolase; CuBP; SAHH; AA987153; AL024110
Gene ID	269378
mRNA Refseq	NM_016661
Protein Refseq	NP_057870
UniProt ID	P50247

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