

Product datasheet for **TP506898**

Ahcy (NM_016661) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse S-adenosylhomocysteine hydrolase (Ahcy), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR206898 protein sequence
Red=Cloning site **Green**=Tags(s)

MSDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMREMYSASKPLKGARIAGCLHMTVETAVLIETLVAL
GAEVRWSSCNIFSTQDHAAAAIAKAGIPVFAWKGETDEEYLWCIEQTLHFKDGPLNMLDDGGDLTNLIH
TKYPQLLSGIRGISEETTTGVHNLNMMNSGILKVPAINVND SVTKSKFDNLYGCRESLIDGIKRATDVM
IAGKVAWAGYGDVVGKCAQALRGGFARVIITEIDPINALQAAMEGYEVTMDEACEKGNIFVTTTGCVD
IILGRHFEQMKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIPQVDRYWLKNGRRIILLAEGRVNLGCA
MGHPSFVMSNSFTNQVMAQIELWTHPDKYPVGVHFLPKKLDEAVAEAHGLKNVVKLTKLTEKQAQYLGMP
INGPFKPDHYRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 48.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_057870](#)

Locus ID: 269378



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UniProt ID:	P50247 , Q3TF14 , Q5M9P0
RefSeq Size:	2560
Cytogenetics:	2 76.94 cM
RefSeq ORF:	1299
Synonyms:	AA987153; AL024110; CuBP; SAHH
Summary:	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.[UniProtKB/Swiss-Prot Function]