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Product datasheet for AR09543PU-L

AdoHcyase / AHCY (1-432, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	AdoHcyase / AHCY (1-432, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSDKLPYKVA DIGLAAWGRK ALDIAENEMP GLMRMRERYS ASKPLKGARI AGCLHMTVET AVLIETLVTL GAEVQWSSCN IFSTQDHAAA AIAKAGIPVY AWKGETDEEY LWCIEQTLYF KDGPLNMILD DGGDLTNLIH TKYPQLLPGI RGISEETTTG VHNLYKMMAN GILKVPAINV NDSVTKSKFD NLYGCRESLI DGIKRATDVM IAGKVAVVAG YGDVGKGCAQ ALRGFGARVI ITEIDPINAL QAAMEGYEVT TMDEACQEGN IFVTTTGCID IILGRHFEQM KDDAIVCNIG HFDVEIDVKW LNENAVEKVN IKPQVDRYRL KNGRRIILLA EGRLVNLGCA MGHPSFVMSN SFTNQVMAQI ELWTHPDKYP VGVHFLPKKL DEAVAEAHLG KLNVKLTKLT EKQAQYLGMS CDGPFKPDHY RY
Tag:	His-tag
Predicted MW:	49.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AHCY protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000678
Locus ID:	191
UniProt ID:	P23526, A0A384MTQ3

View online »

Cytogenetics: 20q11.22

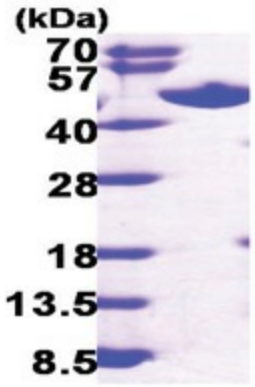
Synonyms: adoHcyase; SAHH

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, Jun 2009]

Protein Families: Druggable Genome

Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism

Product images:



15% SDS-PAGE (3ug)