

Adenosylhomocysteinase Human Recombinant

Item Number	rAP-0837
Synonyms	EC 3.3.1.1, SAHH, AdoHcyase, S-adenosyl-L-homocysteine hydrolase, Adenosylhomocysteinase.
Description	AHCY Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 452 amino acids (1-432 a.a.) and having a molecular mass of 49.8 kDa. The AHCY is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P23526
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSDKLPYKVA DIGLAAWGRK ALDIAENEMP GLMRMRERYS ASK-PLKGARI AGCLHMTVET AVLIETLVTL GAEVQWSSCN IFSTQDHAAA AIAKAGIPVY AWKGETDEEY LWCIETLYF KDGPLNMILD DGGDLTNLIH TKYPQLLPGI RGISEETTTG VHNLYKMMAN GILKVPAINV NDSVTKSKFD NLYGCRESLI DGIKRATDVM IAGKVAVVAG YGDVGKGCQAQ ALRGFGARVI ITEIDPINAL QAAMEGYEVT TMDEACQEGN IFVTTTGCID IILGRHFEQM KDDAIVCNIG HFDVEIDVKW LNENAVEKVN
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	AHCY Human solution containing 20mM Tris pH-8, & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**