

Recombinant Human AHCY protein, His-SUMO-tagged

Cat. No. AHCY-2494H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human AHCY protein(P23526)(2-432aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 2-432aa

Form If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass 63.6 kDa

AA Sequence

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SDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMRERYSASKPLKGARIAGCLHMT
VETAVLIETLVTLGAEVQWSSCNIFSTQDHAAAAIAKAGIPVYAWKGETDEEYLWCIE
QTLYFKDGPLNMILDDGGDLTNLIHTKYPQLLPGIRGISEETTTGVHNLKMMANGIL
KVPAINVNDVTKSKFDNLYGCRESLIDGIKRATDVMIAQKVAVVAGYGDVVGKCAQ
ALRGFGARVIITEIDPINALQAAMEGYEVTTMDEACQEGNIFVTTTGCIDIILGRHFEQ
MKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIPQVDRYRLKNGRRIILLAEGRVNL
GCAMGHPSFVMSNSFTNQVMAQIELWTHPKYPVGVHFLPKKLDEAVAEHLGKL
NVKLTKLTEKQAQYLGMSCDGPFKPDHYRY
    
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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	AHCY adenosylhomocysteinase [Homo sapiens]
Official Symbol	AHCY
Synonyms	AHCY; adenosylhomocysteinase; S adenosylhomocysteine hydrolase; SAHH; adoHcyase; S-adenosylhomocysteine hydrolase; S-adenosyl-L-homocysteine hydrolase;
Gene ID	191
mRNA Refseq	NM_000687
Protein Refseq	NP_000678
MIM	180960
UniProt ID	P23526

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