

Recombinant Human Adenosylhomocysteinase(AHCY)

Catalog No: #AP70021

Package Size: #AP70021-1 20ug #AP70021-2 100ug #AP70021-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Adenosylhomocysteinase(AHCY)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-432aaSequence Info:Full Length
Other Names	S-adenosyl-L-homocysteine hydrolase
Accession No.	P23526
Calculated MW	63.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SDKLPYKVADIGLAAWGRKALDIAENEMPGLMRMRERYASAKPLKGARIAGCLHMTVETAVLIETLVTLGAEV QWSSCNIFSTQDHAAAAIAKAGIPVYAWKGETDEEYLWCIEQTLYFKDGPLNMILDDGGDLTNLIHTKYPQLLP GIRGISEETTTGVHNLKMMANGILKVPAINVNDVTSKFDNLYGCRESLIDGIKRDVMIAGKVAVVAGYGD VGKGCAQALRGFGARVIITEIDPINALQAAMEGYEVTTMDEACQEGNIFVTTTGCIDIILGRHFEQMKDDAIVCNI GHFDVEIDVKWLNENAVEKVNIKPQVDYRLKNGRRILLAEGRVLNLGCAMGHPFSVMSNSFTNQVMAQIEL WTHPDKYPVGVHFLPKKLDEAVAEHLGKLVNKLTKLTEKQAQYLGMSCDGPFKPDHYRY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Sequence of full length cDNA for human S-adenosylhomocysteine hydrolase.Coulter-Karis D.E., Hershfield M.S.Ann. Hum. Genet.53:169-175(1989)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.