

Recombinant Baker's yeast Adenosylhomocysteinase

Catalog No: #AP72259



Package Size: #AP72259-1 20ug #AP72259-2 100ug #AP72259-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Baker's yeast Adenosylhomocysteinase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-448aaSequence Info:Full Length
Other Names	S-adenosyl-L-homocysteine hydrolase
Accession No.	P39954
Uniprot	P39954
GeneID	856766;
Calculated MW	53 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSAPAQNYKIADISLAAFGRKEIELAEHEMPGLMAIRKAYGDVQPLKGARIAGCLHMTIQTAVLIETLVALGAEV TWSSCNIYSTQDHAAAAIAASGVPVFAWKGETEEEYLWCIEQQLFAFKDNKLNILDDGGDLTTLVHEKHPE MLEDCFGLSEETTTGVHHLVYRMVKEGKLVPAINVNDSVTKSKFDNLYGCRESLVDGIKVRATDVMLAGKVAVV AGYGDVGKGC AAALRGMGARVLVTEIDPINALQAAMEGYQVVTMEDASHIGQVFVTTTGCRDIINGEHFINMP EDAIVCNIGHFDIEIDVAWLKANAKECINIKPQVDRYLLSSGRHVILLANGRLVNLGCATGHSSFVMSCSFSNQV LAQIALFKSNDKSFREKHIEFQKTGPFEVGVHVLPKILDEAVAKFHLGNLGVRLTKLSKVQSEYLGPIEEGPFKA DHYR
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

Approaching a complete repository of sequence-verified protein-encoding clones for *Saccharomyces cerevisiae*. Hu Y., Rolfs A., Bhullar B., Murthy T.V.S., Zhu C., Berger M.F., Camargo A.A., Kelley F., McCarron S., Jepson D., Richardson A., Raphael J., Moreira D., Taycher E., Zuo D., Mohr S., Kane M.F., Williamson J. , Simpson A.J.G., Bulyk M.L., Harlow E., Marsischky G., Kolodner R.D., LaBaer J. *Genome Res.* 17:536-543(2007)Research Topic:Others

Note: This product is for in vitro research use only