Recombinant Baker's yeast Homocysteine S-methyltransferase 1

Catalog No: #AP72241

Package Size: #AP72241-1 20ug #AP72241-2 100ug #AP72241-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Baker's yeast Homocysteine S-methyltransferase 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-324aaSequence Info:Full Length
Other Names	S-methylmethionine:homocysteine methyltransferase 1 ;SMM:Hcy S-methyltransferase 1
Accession No.	Q12525
Uniprot	Q12525
GeneID	850664;
Calculated MW	40.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKRIPIKELIVEHPGKVLILDGGQGTELENRGININSPVWSAAPFTSESFWEPSSQERKVVEEMYRDFMIAGANI LMTITYQANFQSISENTSIKTLAAYKRFLDKIVSFTREFIGEERYLIGSIGPWAAHVSCEYTGDYGPHPENIDYYG FFKPQLENFNQNRDIDLIGFETIPNFHELKAILSWDEDIISKPFYIGLSVDDNSLLRDGTTLEEISVHIKGLGNKINK NLLLMGVNCVSFNQSALILKMLHEHLPGMPLLVYPNSGEIYNPKEKTWHRPTNKLDDWETTVKKFVDNGARII GGCCRTSPKDIAEIASAVDKYS
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

Homocysteine S-methyltransferase involved in the conversion of S-adenosylmethionine (AdoMet) to methionine to control the methionine,AdoMet ratio. Also converts S-methylmethionine (SMM) to methionine.

References

Global analysis of protein expression in yeast.Ghaemmaghami S., Huh W.-K., Bower K., Howson R.W., Belle A., Dephoure N., O'Shea E.K., Weissman J.S.Nature 425:737-741(2003)Research Topic:Others

Note: This product is for in vitro research use only