Datasheet for ABIN1609142

AHCY Protein (AA 1-485) (His tag)

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Overview

Quantity:	1 mg
Target:	AHCY
Protein Characteristics:	AA 1-485
Origin:	Nicotiana tabacum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHCY protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MALLVEKTTS GREYKVKDMS QADFGRLEIE LAEVEMPGLM ACRTEFGPSQ PFKGAKITGS LHMTIQTAVL IETLTALGAE VRWCSCNIFS TQDHAAAAIA RDSAAVFAWK GETLQEYWWC TERALDWGPG GGPDLIVDDG GDATLLIHEG VKAEEEFAKN GTIPDPNSTD NAEFQLVLTI IKESLKTDPL KYTKMKERLV GVSEETTTGV KRLYQMQANG TLLFPAINVN DSVTKSKFDN LYGCRHSLPD GLMRATDVMI AGKVALVAGY GDVGKGCAAA LKQAGARVIV TEIDPICALQ ATMEGLQVLT LEDVVSDVDI FVTTTGNKDI IMVDHMRKMK NNAIVCNIGH FDNEIDMLGL ETYPGVKRIT IKPQTDRWVF PDTNSGIIVL AEGRLMNLGC ATGHPSFVMS CSFTNQVIAQ LELWNEKSSG KYEKKVYVLP KHLDEKVAAL HLGKLGAKLT KLSKDQADYI SVPVEGPYKP AHYRY
Specificity:	Nicotiana tabacum (Common tobacco)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	AHCY
Alternative Name:	Adenosylhomocysteinase (SAHH) (AHCY Products)
Background:	Recommended name: Adenosylhomocysteinase. Short name= AdoHcyase. EC= 3.3.1.1. Alternative name(s): Cytokinin-binding protein CBP57 S-adenosyl-L-homocysteine hydrolase
UniProt:	P68173

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.