Datasheet for ABIN1623342

AHCY Protein (AA 1-480) (His tag)

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Overview

Quantity:	1 mg
Target:	AHCY
Protein Characteristics:	AA 1-480
Origin:	Xylella fastidiosa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHCY protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNTHPQTSPN THYKIADISL ADWGRKEIDI AEHEMPGLMS IRRKYASKQP LKGVRVTGSL HMTIQTAVLI ETLKDIGADV RWASCNIFST QDHAAAAIAT SGTPVFAWKG ETLEEYWDCT LQALTFTLAD GTLTGPELIV DDGGDATLLI HKGYELENGS TWVDEPSDSL EEQVIKRLLK RIAIERPGYW TRVVNDWKGV SEETTTGVHR LYQIAATGRL LVPAINVNDS VTKSKFDNLY GCRESLADGL KRAMDVMLAG KLAVVCGYGD VGKGSAHSLR AYGARVIVTE IDPICALQAA MEGFEVTTVE DTLGQADIYV TTTGNKDVIR IEHMTAMKDQ VIVCNIGHFD NEIQVDALNA LTGVQKINIK PQVDKFILPN GNTLFLLAEG RLVNLGCATG HPSFVMSNSF ANQTLAQIDL WQNKDVYEKN VYRLPKKLDE EVARLHLEKI GVKLTTLTAN QAAYLGISVE GPFKPEHYRY
Specificity:	Xylella fastidiosa (strain Temecula1 / ATCC 700964)
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
Abstract:	AHCY Products
Background:	Recommended name: Adenosylhomocysteinase. EC= 3.3.1.1. Alternative name(s): S-adenosyl-L-homocysteine hydrolase. Short name= AdoHcyase
UniProt:	Q87EI8

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.