

Datasheet for ABIN1655243

AHCY Protein (AA 1-477) (His tag)



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Overview

Quantity:	1 mg
Target:	AHCY
Protein Characteristics:	AA 1-477
Origin:	Leptothrix cholodnii
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHCY protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNAAVKALHE NDYLVADLSL AAWGRKEIRI AETEMPGLMA IREEFAAKQP LKGARVTGSL HMTIQTAVLV ETLQALGAQV RWASCNIFST QDHAAAALAV QGTPVFAYKG ETLADYWDYT HRIFEFGAAG TDGEGPNMIL DDGGDATLLM HLGKRAEKDL SLLDNPKSEE ETCLYAAIRA KLAVDPTWYS RKGAQIIGVT EETTTGVHRL KEMSAAGTLL FRAINVNSDV TSKSKFDNLYG CRESLVDGIK RATDVMIAKG VACVAGYGDV GKGSAQALRA LSAQVWVTEI DPINALQAAM EGYKVVTMEY AADKADIFVT TTGNRDVIRH EHMAAMKDQA IVCNIGHFDN EIDVASLEGY EWDEIKPQVD HIIFPDGKKI ILLAKGRLVN LGCATGHPSF VMSSSFANQT IAQIELFCHP DGYDVGKVVV LPKHLDEKVA RLHLKKVGAM LTELTDQAA YIGVPKNGPY KPDTYRY
Specificity:	Leptothrix cholodnii (strain ATCC 51168 / LMG 8142 / SP-6) (Leptothrix discophora (strain SP-6))
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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: [B1Y647](#)

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 modiflicated 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.