

Datasheet for ABIN1509466

## AHCY Protein (AA 1-469) (His tag)



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### Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 1 mg                                        |
| Target:                       | AHCY                                        |
| Protein Characteristics:      | AA 1-469                                    |
| Origin:                       | Pseudomonas aeruginosa                      |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This AHCY protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

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|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | MSAVMTPAGF TDYKVADITL AAWGRRELII AESEMPALMG LRRKYAGQQP LKGAKILGCI<br>HMTIQTGVLI ETLVALGAEV RWSSCNIFST QDQAAAAIAA AGIPVFAWKG ETEEEYEWCI<br>EQTILKDGQP WDANMVLDDG GDLTEILHKK YPQMLERIHG ITEETTTGVH RLLDMLKNGT<br>LKVPAINVND SVTKSKNDNK YGCRHSLNDA IKRGTDHLLS GKQALVIGYG DVGKGSSQSL<br>RQEGMIVKVA EVDPICAMQA CMDGFEVVSF YKNGINDGTE ASIDAALLGK IDLIVTTTGN<br>VNVCDANMLK ALKKRAVVCN IGHFDNEIDT AFMRKNWAVE EVKPQVHKIH RTGKDGFDAH<br>NDDYLILLAE GRLVNLGNAT GHPSRIMDGS FANQVLAQIH LFEQKYADLP AAEKAKRLSV<br>EVLPPKLDDEE VALEMVKGFG GVVTLTPKQ AEYIGVSVEG PFKPDTYRY |
| Specificity:     | Pseudomonas aeruginosa (strain LESB58)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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

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Purity: > 90 %

## Target Details

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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: [B7V419](#)

## Application Details

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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

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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

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