

Datasheet for ABIN7583384

## AHCY Protein (AA 2-432) (His tag)



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### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | AHCY  |
| Protein Characteristics:      | AA 2-432                                    |
| Origin:                       | Rat   |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This AHCY protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | ADKLPYKVA DIGLAAWGRK ALDIAENEMP GLMRMREMYS ASKPLKGARI AGCLHMTVET<br>AVLIETLVAL GAEVRWSSCN IFSTQDHAAA AIAKAGIPVF AWKGETDEEY LWCIEQTLHF<br>KDGPLNMILD DGGDLTNLIH TKHPQLLSGI RGISEETTTG VHNLYKMMAN GILKVPAINV<br>NDSVTKSKFD NLYGCRESLI DGIKRATDVM IAGKVAVVAG YGDVGKGCAQ ALRGFGARVI<br>ITEIDPINAL QAAMEGYEVT TMDEACKEGN IFVTTTGCVD IILGRHFEQM KDDAIVCNIG<br>HFDVEIDVKW LNENAVEKVN IKPQVDRYLL KNGHRIILLA EGRLVNLGCA MGHPSPFVMSN<br>SFTNQVMAQI ELWTHPDKYP VGVHFLPKKL DEAVAEAHLG KLNVKLTKLT EKQAQYLGMP<br>INGPFKPDHY RY |
| Specificity:     | Rattus norvegicus (Rat)  |
| 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.  
Short name= AdoHcyase.  
EC= 3.3.1.1.  
Alternative name(s): S-adenosyl-L-homocysteine hydrolase

UniProt: [P10760](#)

## 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 modified 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.