

# Recombinant Human AHCYL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AHCYL2-5709H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | AHCYL2 MS Standard C13 and N15-labeled recombinant protein (NP_001124192) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | The protein encoded by this gene acts as a homotetramer and may be involved in the conversion of S-adenosyl-L-homocysteine to L-homocysteine and adenosine. Several transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 66.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MSVQVVSA AAAAKVPEVELKDLSPSEAESQLGLSTA AVGAMAPPAGGGDPEAPAP<br>AAERPPVPGPGSGPAAALSPAAGKVPQASAMKRSDPHHQHQRHRDGG EALVSPD<br>GTVTEAPRTVKKIQFADQKQEFNKRPTKIGRRSLRSISQSSTDSYSSAASYTDSSD<br>DETS PRDKQQKNSKGSSDFCVKNIKQAEFGRREIEIAEQEMPALMALRKRAQGEKP<br>LAGAKIVGCTHITAQTAVLMETLGALGAQCRWAACNIYSTLN EVAALAESGFPVFA<br>WKGESEDDFWWCIDRCVNVEGWQPNMILDDGGDLTHWIYKKYPNMFKKIKGIVEE<br>SVTG VHRLYQLSKAGKLCVPAMNVNDSVTKQKFDNLYCCRESILDGLKRTTDMMF<br>GKQVVVCGYGEVGKGCCAALKAMGSIVYVTEIDPICALQACMDGFRLVKLN EVIRQV<br>DIVITCTGNKNVVTREHLDRMKNSCIVCNMGHSNTEIDVASLRTPELTW ERVRSQVD<br>HVIWPDGKRIVLLAEGRLNLSCSTVPTFVLSITATTQALALIELYNAPEG RYKQDVYL |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | LPKKMDEYVASLHLPTFDAHLTELTDEQAKYLGLNKNGPFPKNYYRYTRTRPLEQKL<br>ISEEDLAANDILDYKDDDDKV         |
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | AHCYL2 adenosylhomocysteinase-like 2 [ Homo sapiens (human) ]                                                                                                                                                                      |
| <b>Official Symbol</b> | AHCYL2                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | AHCYL2; adenosylhomocysteinase-like 2; S adenosylhomocysteine hydrolase like 2; putative adenosylhomocysteinase 3; KIAA0828; S-adenosyl-L-homocysteine hydrolase 3; S-adenosylhomocysteine hydrolase-like 2; ADOHCYASE3; FLJ21719; |
| <b>Gene ID</b>         | 23382                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001130720                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001124192                                                                                                                                                                                                                       |
| <b>MIM</b>             | 616520                                                                                                                                                                                                                             |

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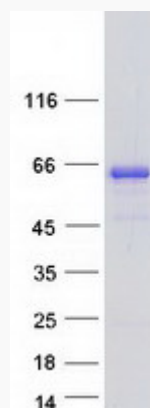
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UniProt ID

Q96HN2

SDS-PAGE

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