

# Recombinant Human AHCYL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AHCYL1-616H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

AHCYL1 MS Standard C13 and N15-labeled recombinant protein (NP\_006612) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

The protein encoded by this gene interacts with inositol 1,4,5-trisphosphate receptor, type 1 and may be involved in the conversion of S-adenosyl-L-homocysteine to L-homocysteine and adenosine. Several transcript variants encoding two different isoforms have been found for this gene.

### Molecular Mass

59 kDa

### AA Sequence

MSMPDAMPLPGVGEELKQAKEIEDAEKYSFMATVTKAPKKQIQFADDMQEFTKFPT  
 KTGRRSLRSISQSSTDSYSSAASYTDSSDDEVSPREKQQTNSKGSSNFCVKNIKQ  
 AEFGRREIEIAEQDMSALISLRKRAQGEKPLAGAKIVGCTHITAQTAVLIETLCALGAQ  
 CRWSACNIYSTQNEVAAALAEAGVAVFAWKGESEDDFWWCIDRCVNMMDGWQANM  
 ILDDGGDLTHWVYKKYPNVFKKIRGIVEESVTGVHRLYQLSKAGKLCVPAMNVNDSV  
 TKQKFDNLYCCRESILDGLKRTTDMFGGKQVVVCGYGEVKGCCAALKALGAIVYI  
 TEIDPICALQACMDGFRVVKLNEVIRQVDVVITCTGNKNVVTREHLDRMKNSCIVCN  
 MGHSNTEIDVTSRLRPELTWERVRSQVDHVIWPDGKRVVLLAEGRLLNLSCSTVPTF  
 VLSITATTQALALIELYNAPEGRYKQDVYLLPKKMDEYVASLHLPSTDAHLTELTDQ

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AKYLGLNKNKNGPFKPNYYRYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [AHCYL1 adenosylhomocysteinase-like 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [AHCYL1](#)

**Synonyms**

AHCYL1; adenosylhomocysteinase-like 1; S adenosylhomocysteine hydrolase like 1; putative adenosylhomocysteinase 2; inositol 1; 4; 5 trisphosphate receptor binding protein; IRBIT; XPVKONA; adoHcyase 2; DC-expressed AHCY-like molecule; S-adenosyl-L-homocysteine hydrolase 2; S-adenosyl homocysteine hydrolase homolog; dendritic cell expressed AHCY-like protein; S-adenosylhomocysteine hydrolase-like protein 1; inositol 1,4,5-trisphosphate receptor-binding protein; DCAL; PRO0233;

**Gene ID** [10768](#)

**mRNA Refseq** [NM\\_006621](#)

**Protein Refseq** [NP\\_006612](#)

 Tel: 1-631-559-9269 1-516-512-3133

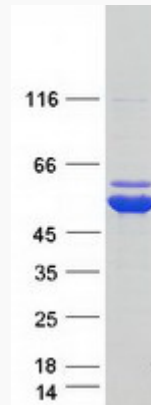
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 607826

UniProt ID O43865

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA