

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 KTGRRSLRSISQSSTDSYSSAASYTDSSDDEVSPREKQQTNSKGSSNFCVKNKIQ AEFGRRREIEIAEQDMSALISLRKRAQGEKPLAGAKIVGCTHITAQTAVLIETLCALGAQ CRWSACNIYSTQNEVAAALAEAGVAVFAWKGESEDDFWWCIDRCVNMMDGWQANM ILDDGGDLTHWVYKKYPNVFKKIRGIVEESVTGVHRLYQLSKAGKLCVPAMNVNDSV TKQKFDNLYCCRESILDGLKRTTDMFGGKQVVVCGYGEVGKGCCAALKALGAIVYI TEIDPICALQACMDGFRVVKLNEVIRQVDVITCTGNKNVVTREHLDRMKNSCIVCN MGHSNTEIDVTSRLTPELTWERVRSQVDHVIWPDGKRVVLLAEGRLLNLSCSTVPTF VLSITATTQALALIELYNAPEGRYKQDVYLLPKKMDEYVASLHLPSFDAHLTELTDQ

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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

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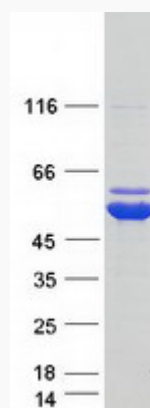
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MIM 607826

UniProt ID O43865

SDS-PAGE



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