

Recombinant Full Length Human AHCYL1 Protein, C-Flag-tagged

Cat. No. AHCYL1-1389HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AHCYL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	58.8 kDa
AA Sequence	MSMPDAMPLPGVGEELKQAKEIEDAEKYSFMATVTKAPKKQIQFADDMQEFTKFPT KTGRRSLRSISQS STDSYSSAASYTDSDDDEVSPREKQQTNSKGSSNFCVKNKIQ AEFGRREIEIAEQDMSALISLRKRAQGE KPLAGAKIVGCTHITAQTAVLIETLCALGAQ CRWSACNIYSTQNEVAAALAEAGVAVFAWKGESEDDFWW CIDRCVNMDGWQAN MILDDGGDLTHWVYKKYPNVFKKIRGIVEESVTGVHRLYQLSKAGKLCVPAMNVND SVTKQKFDNLYCCRESILDGLKRTTDMFGGKQVVVCGYGEVKGKCCAALKALGAI VYITEIDPICALQA CMDGFRVVKLNEVIRQVDVITCTGNKNVVTREHLDRMKNSCIV CNMGHSNTEIDVTSLRTPELTWERVR SQVDHVIWPDGKRVVLLAEGRLLNLSCSTV

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	PTFVLSITATTQALALIELYNAPEGRYKQDVYLLPKKMDE YVASLHLPSTDAHLTELTDQAKYLGLNKNKNGPFKPNYYRYTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism
Full Length	Full L.

GENE INFORMATION

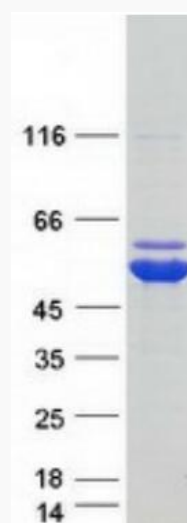
Gene Name	AHCYL1 adenosylhomocysteinase like 1 [Homo sapiens (human)]
Official Symbol	AHCYL1
Synonyms	DCAL; IRBIT; PPP1R78; PRO0233; XPVKONA

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Gene ID	10768
mRNA Refseq	NM_006621.7
Protein Refseq	NP_006612.2
MIM	607826
UniProt ID	O43865



Coomassie blue staining of purified AHCYL1 protein.