

# Recombinant Full Length Human AHCYL1 Protein, GST-tagged

Cat. No. AHCYL1-942HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AHCYL1 full-length ORF ( NP_006612.2, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	530 amino acids
<b>Description</b>	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. [provided by RefSeq, Jun 2011]
<b>Molecular Mass</b>	85.4 kDa
<b>AA Sequence</b>	MSMPDAMPLP GVGEELKQAK EIEDAEKYSF MATVTKAPKK QIQFADDMQE FTKFPTKTGR RSLRSISQS STDSYSSAAS YTDSSDDEVS PREKQQTNSK GSSNFCVKNI KQAEFGRREI EIAEQDMSAL ISLRKRAQGE KPLAGAKIVG CTHITAQTAV LIETLCALGA QCRWSACNIY STQNEVAAAL AEAGVAVFAW KGESEDDFWW CIDRCVNMDG WQANMILDDG GDLTHWVYKK YPNVFKKIRG IVEESVTGVH RLYQLSKAGK LCV PAMNVND SVTKQKFDNL YCCRESILDG LKRTTDVMFG GKQVVVCGYG EVGKGCCAAL KALGAIVYIT EIDPICALQA CMDGFRVVKL NEVIRQVDVV ITCTGNKNVV TREHLDRMKN SCIVCNMGHS NTEIDVTSR TP ELTWERVR SQVDHVIWPD GKR VVLLAEG RLLNLSCSTV

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PTFVLSITAT TQALALIELY NAPEGRYKQD VYLLPKKMDE YVASLHLPSP  
DAHLTELTDD QAKYLGLNKN GPFKPNYYRY

<b>Applications</b>	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AHCYL1 adenosylhomocysteinase-like 1 [ Homo sapiens ]</a>
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<b>Official Symbol</b>	<a href="#">AHCYL1</a>
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<b>Synonyms</b>	<p>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</p>
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<b>Gene ID</b>	<a href="#">10768</a>
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<b>mRNA Refseq</b>	<a href="#">NM_001242673</a>
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<b>Protein Refseq</b>	<a href="#">NP_001229602</a>
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**MIM** 607826

**UniProt ID** O43865

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