Recombinant Human AHCYL1 Protein, His-tagged

Cat. No. AHCYL1-100H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AHCYL1 Protein (Ser281-Tyr530) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser281-Tyr530
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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_001242673
Protein Refseq	NP_001229602
MIM	607826

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UniProt ID	O43865

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