

Product datasheet for **TP301940**

AHCYL1 (NM_006621) Human Recombinant Protein

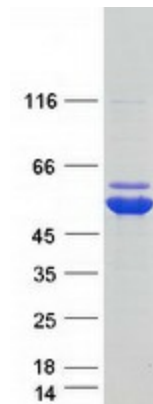
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human S-adenosylhomocysteine hydrolase-like 1 (AHCYL1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201940 protein sequence Red =Cloning site Green =Tags(s)
	MSMPDAMPLPGVGEELKQAKEIEDAEKYSFMATVTKAPKKQIQFADDMQEFTKFPTKTGRRSLRSISQS STDSYSSAASYTDSDDDEVSPREKQQTNSKGSSNFCVKNIKQAEFGRRREIEIAEQDMSALISLRKRAQGE KPLAGAKIVGCTHITAQTAVLIETLALGAQCRWSACNIYSTQNEVAAALAEAGVAVFAWKGESEDDFWW CIDRCVNM DGWQANMILDDGGDLTHWVYKKYPNVFKKIRGIVEESVTGVHRLYQLSKAGKLCVPAMNV ND SVTKQKFDNLYCCRESILDGLKRTTDMFGGKQVWVCGYGEVKGCCAALKALGAIVYITEIDPICALQA CMDGFRVVKLNEVIRQVDVITCTGNKNVVTREHLDRMKNSCIVCNMGHSNTEIDVTSLRPELTWERVR SQVDHVIWPDGKRVLLAEGRLNLNSCSTVPTFVLSITATTQALALIELYNAPEGRYKQDVYLLPKKMDE YVASLHLPSFDAHLTELTDDQAKYLGLNKNKNGPFKPNYYRY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	58.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006612
Locus ID:	10768
UniProt ID:	O43865
RefSeq Size:	3949
Cytogenetics:	1p13.3
RefSeq ORF:	1590
Synonyms:	DCAL; IRBIT; PPP1R78; PRO0233; XPVKONA
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism

Product images:

Coomassie blue staining of purified AHCYL1 protein (Cat# TP301940). The protein was produced from HEK293T cells transfected with AHCYL1 cDNA clone (Cat# [RC201940]) using MegaTran 2.0 (Cat# [TT210002]).