

Product datasheet for PH301940

AHCYL1 (NM_006621) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AHCYL1 MS Standard C13 and N15-labeled recombinant protein (NP_006612)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201940
Predicted MW:	59 kDa
Protein Sequence:	>RC201940 protein sequence Red=Cloning site Green=Tags(s)

MSMPDAMPLPGVGEELKQAKEIEDAEKYSFMATVTKAPKKQIQFADDMQEFKTFPTKTGRRSLSRISQS
STDSYSSAASYTDSDDDEVSPREKQQTNSKGSSNFCVKNIKQAEFGRREIEIAEQMSALISLRKRAQGE
KPLAGAKIVGCTHITAQTAVLIETLCALGAQCRWSACNIYSTQNEVAAALAEAGVAVFAWKGESEDDFWW
CIDRCVNM DGWQANMILDDGGDL THWVYKYPNVFKKIRGIVEESVTGVHRLYQLSKAGKLCVPAMNVND
SVTKQKFDNLYCCRESILDGLKRTTDVMFGGKQVVVCGYGEVKGCCAALKALGAIVYITEIDPICALQA
CMDGFRVVKLNEVIRQVDVVITCTGNKNVVTREHLDRMKNSCIVCNMGHSNTEIDVTSLRPEL TWERVR
SQVDHVIWPDGKRIVLLAEGRLNLSCSTVPTFVLSITATTQALALIELYNAPEGRYKQDVYLLPKKMD
YVASHLPSFDAHLTEL TDDQAKYLGLNKNPFPKPNYYRY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006612
RefSeq Size:	3949
RefSeq ORF:	1590



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Synonyms: DCAL; IRBIT; PPP1R78; PRO0233; XPVKONA

Locus ID: 10768

UniProt ID: [O43865](#), [A0A024R0A8](#)

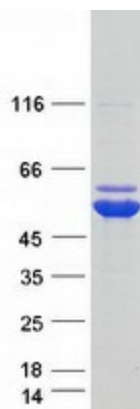
Cytogenetics: 1p13.3

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]).