

Product datasheet for PH304515

ATCAY (NM_033064) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ATCAY MS Standard C13 and N15-labeled recombinant protein (NP_149053)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204515
Predicted MW:	42.1 kDa
Protein Sequence:	>RC204515 protein sequence Red=Cloning site Green=Tags(s)

MGTTTEATLRMENVDVKEEWQDEDLPRPLPEETGVELLGSPVEDTSPPNTLNFNGAHRKRKTLVAPEINI
SLDQSEGSLLSDDFLDTPDDLINVDDIETPDETSLEFLGNGNELEWEDDTPVATAKNMPGDSADLFGD
GTTEDGSAANGRLWRTV I IGEQEHRIDLHMIRPYMKVVTHGGYYGEGLN A I I V F A A C F L P D S S L P D Y H Y I
M E N L F L Y I S S L E L L V A E D Y M I V Y L N G A T P R R R M P G I G W L K K C Y Q M I D R R L R K N L K S L I I V H P S W F I R T V
L A I S R P F I S V K F I N K I Q Y V H S L E D L E Q L I P M E H V Q I P D C V L Q Y E E E R L K A R R E S A R P Q P E F V L P R S E E K P
E V A P V E N R S A L V S E D Q E T S M S

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_149053</u>
RefSeq Size:	5049
RefSeq ORF:	1113
Synonyms:	BNIP-H; CLAC
Locus ID:	85300



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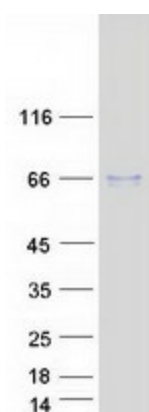
UniProt ID: [Q86WG3](#), [A0A0S2Z5T8](#)

Cytogenetics: 19p13.3

Summary: This gene encodes a neuron-restricted protein that contains a CRAL-TRIO motif common to proteins that bind small lipophilic molecules. Mutations in this gene are associated with cerebellar ataxia, Cayman type. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ATCAY protein (Cat# [TP304515]). The protein was produced from HEK293T cells transfected with ATCAY cDNA clone (Cat# [RC204515]) using MegaTran 2.0 (Cat# [TT210002]).