

Recombinant Human ATCAY Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATCAY-2816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATCAY MS Standard C13 and N15-labeled recombinant protein (NP_149053) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	42.1 kDa
AA Sequence	MGTTEATLRMENVDVKEEWQDEDLPRPLPEETGVELLGSPVEDTSSPPNTLNFNGA HRKRKTLVAPEINISLDQSEGSLSDDFLDPDDLINVDIETPDETDLSLEFLGNGNE LEWEDDTPVATAKNMPGDSADLFGDGTTEGSAANGRLWRTVIIGEQEHRIDLHMI RPYMKVVTHGGYYGEGLNAIIVFAACFLPDSSLPDYHYIMENLFLYVISSLELLVAEDY MIVYLNATPRRRMPGIGWLKKCYQMIDRRLRKNLKSIIIVHPSWFIRTVLAISRPFIS VKFINKIQYVHSLEDLEQLIPMEHVQIPDCVLQYEEERLKARRESARPQPEFVLPRSE EKPEVAPVENRSALVSEDQETSMSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ATCAY ATCAY kinesin light chain interacting caytaxin \[Homo sapiens \(human\) \]](#)

Official Symbol [ATCAY](#)

Synonyms ATCAY; ataxia, cerebellar, Cayman type; caytaxin; Cayman ataxia; ataxia cayman type protein; CLAC; BNIP-H; KIAA1872;

Gene ID [85300](#)

mRNA Refseq [NM_033064](#)

Protein Refseq [NP_149053](#)

MIM [608179](#)

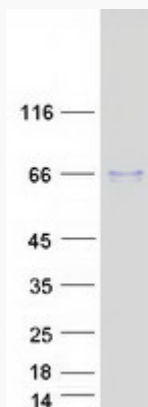
UniProt ID [Q86WG3](#)

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SDS-PAGE



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