

Recombinant Full Length Human ATCAY Protein, C-Flag-tagged

Cat. No. ATCAY-316HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATCAY Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.9 kDa
AA Sequence	MGTTTEATLRMENVDVKEEWQDEDLPRPLPEETGVELLGSPVEDTSSPPNTLNFNGA HRKRKTLVAPEINI SLDQSEGSLLSDDFLDTPDDLINVDIETPDETDSLEFLGNGN ELEWEDDTPVATAKNMPGDSADLFGD GTTEDGSAANGRLWRTVIIGEQQEHRIDLH MIRPYMKVVTHGGYYGEGLNIAIVFAACFLPDSSLPDYHYI MENFLYVISSLELLVAE DYMIVYLNATPRRRMPGIGWLKKCYQMIDRRLRKNLKSIIIVHPSWFIRTV LAISRP FISVKFINKIQYVHSLEDLEQLIPMEHVQIPDCVLQYEEERLKARRESARPQPEFVLPR SEEKP EVAPVENRSALVSEDQETSMSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ATCAY ATCAY kinesin light chain interacting caytaxin [Homo sapiens (human)]
Official Symbol	ATCAY
Synonyms	CLAC; BNIP-H
Gene ID	85300
mRNA Refseq	NM_033064.5
Protein Refseq	NP_149053.1
MIM	608179

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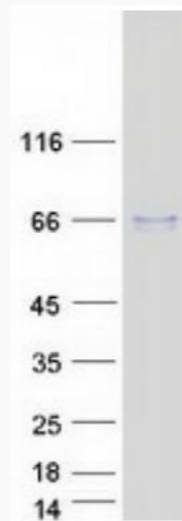
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UniProt ID

Q86WG3



Coomassie blue staining of purified ATCAY protein.

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