



# Recombinant Human Caytaxin (ATCAY)

<b>Product Code</b>	CSB-EP771456HU-B
<b>Abbreviation</b>	ATCAY
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q86WG3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGTTTEATLRM ENVDVKEEWQ DEDLPRPLPE ETGVELLGSP VEDTSSPNT LNFNGAHRKR KTLVAPEINI SLDQSEGSLL SDDFLDTPDD LDINVDDIET PDETDSLEFL GNGNELEWED DTPVATAKMN PGDSADLFGD GTTEDGSAAN GRLWRTVIIG EQEHRIDLHM IRPYMKVVTH GGYGEGDNA IIVFAACFLP DSSLPDYHYI MENFLYVIS SLELLVAEDY MIVYLNATP RRRMPGIGWL KKCYQMIDRR LRKNLKSII VHPSWFIRTV LAISRPFISV KFINKIQYVH SLEDLEQLIP MEHVQIPDCV LQYEEERLKA RRESARQPPE FVLPRSEEKP EVAPVENRSA LVSEDQETSM S
<b>Source</b>	E.coli
<b>Target Names</b>	ATCAY
<b>Protein Names</b>	Recommended name: Caytaxin Alternative name(s): Ataxia cayman type protein BNIP-H
<b>Expression Region</b>	1-371
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.