

Datasheet for ABIN7552378
ATCAY Protein (AA 1-371) (His tag)



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Overview

Quantity:	1 mg
Target:	ATCAY
Protein Characteristics:	AA 1-371
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATCAY protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATCAY Protein expressed in mammalian cells.
Sequence:	MGTTEATLRM ENVDVKEEWQ DEDLPRPLPE ETGVELLGSP VEDTSSPPNT LNFNGAHRKR KTLVAPEINI SLDQSEGSLL SDDFLDTPDD LDINVDDIET PDETDSLEFL GNGNELEWED DTPVATAKNM PGDSADLFGD GTTEDGSAAN GRLWRTVIIG EQEHRIDLHM IRPYMKVWTH GGYYGEGDNA IIVFAACFLP DSSLPDYHYI MENFLYVIS SLELLVAEDY MIVYLNATP RRRMPGIGWL KKCQYQIDRR LRKNLKSLL VHPSWFIRTV LAISRPFISV KFINKIQYVH SLEDLEQLIP MEHVQIPDCV LQYEEERLKA RRESARQPQE FVLPRSEEKQ EVAPVENRSA LVSEDQETSM S Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ATCAY
Alternative Name:	ATCAY (ATCAY Products)
Background:	Caytaxin (Ataxia cayman type protein) (BNIP-2-homology) (BNIP-H),FUNCTION: Functions in the development of neural tissues, particularly the postnatal maturation of the cerebellar cortex. May play a role in neurotransmission through regulation of glutaminase/GLS, an enzyme responsible for the production in neurons of the glutamate neurotransmitter. Alternatively, may regulate the localization of mitochondria within axons and dendrites. {ECO:0000269 PubMed:16899818}.
Molecular Weight:	42.1 kDa
UniProt:	Q86WG3

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months