

Datasheet for ABIN7556164

Ataxin 1 Protein (ATXN1) (AA 1-791) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Ataxin 1 (ATXN1)
Protein Characteristics:	AA 1-791
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ataxin 1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atxn1 Protein expressed in mammalian cells.
Sequence:	<p>MKSNQERSNE CLPPKKREIP ATSRPSEEKA TALPSDNHCV EGVAWLPSTP GIRGHGGGRH GSAGTSGEHG LQGMGLHKAL SAGLDYSPPS APRSVPTANT LPTVYPPPQS GTPVSPVQYA HLSHTFQFIG SSQYSGPYAG FIPSQLISPS GNPVTSAVAS AAGATTPSQR SQLEAYSTLL ANMGSLSQAP GHKVEPPPQQ HLSRAAGLVN PGSPPPPTQQ NQYIHSSSP QSSGRATSPP PIPVHLHPHQ TMIPHTLTG PSSQVVVQYS DAGGHFVPRE STKKAESSRL QQAMQAKEVL NGEMEKSRRY GASSVELSL GKASSKSVPH PYESRHVVVH PSPADYSSRD TSGVRGSVMV LPNSSTPSAD LEAQTTHRE ASPSTLNDKS GLHLGKPGHR SYALSPHTVI QTTHSASEPL PVGLPATAFY AGTQPPVIGY LSGQQQAITY AGGLPQHLVI PGNQPLLPV GSPDMDTPGA ASAIVTSSPQ FAAVPHTFVT TALPKSENFN PEALVTQAAY PAMVQAQIHL PVVQSVASPT TASPTLPPYF MKGSIIQLAN GELKKVEDLK TEDFIQSAEI SNDLKIDSST VERIEESHSP GVAVIQFAVG EHRAQVSVEV LVEYPPFFVFG QGWSSCCPER TSQFLDLPCS KLSVGDVCIS LTLKLNKNGS VKKGQPVDPA SVLLKQAKTD SLAGSRHRYA EQENGINQGS AQVLSENGEL</p>

Product Details

KFPEKIGLPA APFLSKIEPS KPTATRKRRW SAPETRKLEK SEDEPPLTLP KPSSLIPQEVK

ICIEGRSNVG K **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:**

- 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: Ataxin 1 (ATXN1)

Alternative Name: [Atxn1 \(ATXN1 Products\)](#)

Background: Ataxin-1 (Spinocerebellar ataxia type 1 protein homolog),FUNCTION: Chromatin-binding factor that repress Notch signaling in the absence of Notch intracellular domain by acting as a CBF1 corepressor. Binds to the HEY promoter and might assist, along with NCOR2, RBPJ-mediated repression (By similarity). May be involved in RNA metabolism (By similarity). In concert with CIC and ATXN1L, involved in brain development (PubMed:28288114).
{ECO:0000250|UniProtKB:P54253, ECO:0000269|PubMed:28288114}.

Target Details

Molecular Weight: 83.8 kDa

UniProt: [P54254](#)

Pathways: [Synaptic Membrane](#)

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