

Datasheet for ABIN7552621

Ataxin 1-Like Protein (ATXN1L) (AA 1-689) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Ataxin 1-Like (ATXN1L)
Protein Characteristics:	AA 1-689
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ataxin 1-Like protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATXN1L Protein expressed in mammalian cells.
Sequence:	MKPVHERSQE CLPPKKRDLP VTSEDMGRTT SCSTNHTPSS DASEWSRGVV VAGQSQAGAR VSLGGDGAEA ITGLTVDQYG MLYKVAVPPA TFSPTGLPSV VNMSPLPPTF NVASSLIQHP GIHYPLHYA QLPSTSLQFI GSPYSLPYAV PPNFLPSLL SPSANLATSH LPHFVPYASL LAEGATPPPQ APSPAHSFNK APSATSPSGQ LPHHSSTQPL DLAPGRMPIY YQMSRLPAGY TLHETPPAGA SPVLTPQESQ SALEAAAANG GQRPRERNLV RRESEALDSP NSKGEGQGLV PVVECVVDGQ LFGSQTPRV EVAAPAHRTG PDTDLEVQRV VGALASQDYR VVAAQRKEEP SPLNLSHHTP DHQGEGRGSA RNPAELAEKS QARGFYPQSH QEPVKHRPLP KAMVVANGNL VPTGTDSGLL PVGSEILVAS SLDVQARATF PDKEPTPPPI TSSHLPSHFV KGAIQLATG ELKRVEDLQT QDFVRSAEVS GGLKIDSSTV VDIQESQWPG FVMLHFVWGE QQSKVSIEVP PEHPFFVYGQ GWSSCSPGRT TQLFSLPCHR LQVGDCISI SLQSLNSNSV SQASCAPPSQ LGPPRERPER TVLGSRELCD SEGKSQPAGE GSRVVEPSQP ESGAQACWPA PSFQRYSMQG EEARAALLRP SFIPQEVKLS IEGRSNAGK Sequence without tag. The proposed Purification-

Product Details

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-Like (ATXN1L)

Alternative Name: ATXN1L ([ATXN1L Products](#))

Background: Ataxin-1-like (Brother of ataxin-1) (Brother of ATXN1),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 (PubMed:21475249). Can suppress ATXN1 cytotoxicity in spinocerebellar ataxia type 1 (SCA1). In concert with CIC and ATXN1, involved in brain development (By similarity). {ECO:0000250|UniProtKB:P0C7T6, ECO:0000269|PubMed:21475249}.

Molecular Weight: 73.3 kDa

Target Details

UniProt: [P0C7T5](#)

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