

Datasheet for ABIN7552542

Ataxin 1 Protein (ATXN1) (AA 1-815) (His tag)



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Overview

Quantity:	1 mg
Target:	Ataxin 1 (ATXN1)
Protein Characteristics:	AA 1-815
Origin:	Human
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:	MKSNQERSNE CLPPKKREIP ATSRSSEEKA PTLPSDNHRV EGTAWLPGNP GGRGHGGGRH GPAGTSVELG LQQGIGLHKA LSTGLDYSP SAPRSVPVAT TLPAAYATPQ PGTPVSPVQY AHLPHTFQFI GSSQYSGTYA SFIPSQLIPP TANPVTSAVA SAAGATTPSQ RSQLEAYSTL LANMGSLSQT PGHKAEQQQQ QQQQQQQQH QQQQQQQQQ QQQQQHLSRA PGLITPGSPP PAQQNQYVHI SSSPQNTGRT ASPPAIPVHL HPHQTMIPHT LTLGPPSQV M QYADSGSHF VPREATKKA E SSRLQQA IQA KEVLNGEMEK SRRYGAPSSA DLGLGKAGGK SVPHPYESRH VVVHPSPSDY SSRDPSGVRA SVMVLPSNT PAADLEVQQA THREASPSTL NDKSGLHLGK PGHRSYALSP HTVIQTTHSA SEPLPVGLPA TAFYAGTQPP VIGYLSGQQQ AITYAGSLPQ HLVIPGTQPL LIPVGSTDME ASGAAPAIVT SSPQFAAVPH TFVTTALPKS ENFNPEALVT QAAYPAMVQA QIHLPVVQSV ASPAAAPPTL PPYFMKGSII QLANGELKKV EDLKTEDFIQ SAEISNDLKI DSSTVERIED SHSPGVAVIQ FAVGEHRAQV SVEVLVEYPF FVFGQGWSSC CPERTSQLFD LPCSKLSVGD VCISLTLKNL KNGSVKKGQP VDPASVLLKH SKADGLAGSR

Product Details

HYAEQENGI NQGSQMLSE NGELKFPEKM GLPAAPFLTK IEPSKPAATR KRRWSAPESR
KLEKSEDEPP LTLPKPSLIP QEVKICIEGR SNVGK **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),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. Binds RNA in vitro. May be involved in RNA metabolism (PubMed:21475249). In concert with CIC and ATXN1L, involved in brain development (By similarity).
{ECO:0000250|UniProtKB:P54254, ECO:0000269|PubMed:21475249}.

Target Details

Molecular Weight:	86.9 kDa
UniProt:	P54253
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