

Datasheet for ABIN7552643

**Ataxin 10 Protein (ATXN10) (AA 1-475) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Ataxin 10 (ATXN10)
Protein Characteristics:	AA 1-475
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ataxin 10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ATXN10 Protein expressed in mammalian cells.
Sequence:	MAAPRPPPAR LSGVMVPAPI QDLEALRALT ALFKEQRNRE TAPRTIFQRV LDILKKSSHA VELACRDPSQ VENLASSLQL ITECFRCLRN ACIECSVNQN SIRNLDTIGV AVDLILLFRE LRVEQESLLT AFRCGLQFLG NIASRNEDSQ SIVVWHAFPE LFLSCLNHPD KKIVAYSSMI LFTSLNHERM KELEENLNIA IDVIDAYQKH PESEWPFLII TDFLKSPSEL VQAMFPKLNN QERVTLDDLIM IAKITSDEPL TKDDIPVFLR HAELIASTFV DQCKTVLKLA SEEPPDDEEA LATIRLLDVL CEMTVNTELL GYLQVFPGLL ERVIDLLRVI HVAGKETTNI FSNCGCVRAE GDISNVANGF KSHLIRLIGN LCYKNKDNQD KVNELDGIPL ILDNCNISDS NPFLTQWVIY AIRNLTEDNS QNQDLIAKME EQGLADASLL KKVGFVEVEKK GEKLILKSTR DTPKP <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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

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### Target:

Ataxin 10 (ATXN10)

### Alternative Name:

ATXN10 ([ATXN10 Products](#))

### Background:

Ataxin-10 (Brain protein E46 homolog) (Spinocerebellar ataxia type 10 protein),FUNCTION: Necessary for the survival of cerebellar neurons. Induces neuritogenesis by activating the Ras-MAP kinase pathway. May play a role in the maintenance of a critical intracellular glycosylation level and homeostasis. {ECO:0000250}.

### Molecular Weight:

53.5 kDa

### UniProt:

[Q9UBB4](#)

## Application Details

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### 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

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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