

Datasheet for ABIN7563056

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:	Mouse
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:	MAAPRMPPSR LSGIMVPAPI QDLEALRALT ALFKEQRNRE TAPRTIFQRV LDILKKSTHA VELACRDPSSQ VEHLASSLQL ITECFRCLRN ACIECSVNQN SIRNLDTIGV AVDLVLLFRE LRVEQDSSLT AFRCGLQFLG NVASRNEESQ SIVWVHAFPE LFMSCLNHPD KKIVAYCSMI LFTSLNAERM KDLEENLNIA INVIEAHQKH PASEWPFLII SDHFLKSPPEL VEAMYGKLSN QERITLLDIV IAKLVGEEQL TKDDISIFVR HAELIANSFM DQCRNVLKLKLT SEPHTEDKEA LVTIRLLDVL CEMTSNTELL GYLQVFPGLM ERVIDVLRVI HEVGKESTNI FSPSDSLKAE GDIEHMTEGF KSHLIRLIGN LCYKNKENQD KVNELDGIPL ILDSSNIDDN NPFMMQWVVY AVRNLTEDNS QNQDVIAKME EQGLADASLL KKMGEIEKS GDKLILKSNN DIPPP 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

Product Details

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 10 (ATXN10)

Alternative Name:

Atxn10 ([ATXN10 Products](#))

Background:

Ataxin-10 (Brain protein E46) (Spinocerebellar ataxia type 10 protein homolog),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:

53.7 kDa

UniProt:

[P28658](#)

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