

Datasheet for ABIN7552645  
**ATXN7 Protein (AA 1-892) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ATXN7
Protein Characteristics:	AA 1-892
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATXN7 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ATXN7 Protein expressed in mammalian cells.
Sequence:	<pre>MSERAADDVR GEPRRAAAAA GGAAAAAARQ QQQQQQQQP PPPPQRQQH PPRPRRTRP EDGGPGAAS TAAAMATVGE RRPLPSPEVM LGQSWNLWVE ASKLPKGDGT ELDESFKFEG KNREVMGLCR EDMPIFGFCP AHDDFYLVVC NDCNQVVKPQ AFQSHYERRH SSSSKPPLAV PPTSVFSFFP SLSKSKGGSA SGSNRSSSGG VLSASSSSSK LLKSPKEKLQ LRGNTRPMHP IQQSRVPHGR IMTPSVKVEK IHPKMDGTLT KSAVGPTCPA TVSSLVKPGL NCPSIPKPTL PSPGQILNGK GLPAPPTLEK KPEDNSNRRK FLNKRLSERE FDPDIHCGVI DLDTKKPCTR SLTCKTHSLT QRAVQGRRK RFDVLLAEHK NKTREKELIR HPDSQPPQP LRDHPAPPR TSQEPHQNPV GVIPSESKPF VASKPKPHTP SLPRPPGCPA QQGGSAPIDP PPVHESPHPP LPATEPASRL SSEEGEGDDK EESVEKLDCH YSGHHPQPAS FCTFGSRQIG RGYVYFDSRW NRLRCALNLM VEKHLNAQLW KKIPPVPSTT SPISTRIPHR TNSVPTSQCG VSYLAAATVS TSPVLLSSTC ISPNSKSVPA HGTTLNAQPA ASGAMDPVCS MQRQVSSSS SSPSTPSGLS SVPSSPMSRK PQKLKSSKSL RPKESSGNST NCQNASSSTS GSGGKKRKNS SPLLVHSSSS</pre>

## Product Details

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SSSSSSSHS MESFRKNCVA HSGPPYPSTV TSSH SIGLNC VTNKANAVNV RHDQSGRGPP  
TGSPAESIKR MSVMVNSSDS TSLGPFHQ SNELPVNSHG SFSHSHTPLD KLIGKKRKCS  
PSSSSINNSS SKPTKVAKVP AVNNVHMKHT GTIPGAQGLM NSSLLHQPKA RP **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

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Target: ATXN7

Alternative Name: ATXN7 ([ATXN7 Products](#))

Background: Ataxin-7 (Spinocerebellar ataxia type 7 protein),FUNCTION: Acts as a component of the STAGA transcription coactivator-HAT complex (PubMed:15932940, PubMed:18206972). Mediates the interaction of STAGA complex with the CRX and is involved in CRX-dependent gene activation (PubMed:15932940, PubMed:18206972). Necessary for microtubule cytoskeleton stabilization (PubMed:22100762). {ECO:0000269|PubMed:15932940, ECO:0000269|PubMed:18206972,

## Target Details

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ECO:0000269|PubMed:22100762}.

Molecular Weight: 95.5 kDa

UniProt: [O15265](#)

## 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