

Datasheet for ABIN7552589

Ataxin 2 Protein (ATXN2) (AA 1-1313) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Ataxin 2 (ATXN2)
Protein Characteristics:	AA 1-1313
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ataxin 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATXN2 Protein expressed in mammalian cells.
Sequence:	MRSAAAAPRS PAVATESRRF AAARWPGWRS LQRPARRSGR GGGGAAPGPY PSAAPPPPGP GPPPSRQSSP PSASDCFGSN GNGGGAFRPG SRLLGLGGP PRPFVLLLLP LASPGAPPAA PTRASPLGAR ASPPRSGVSL ARPAPGCPRP ACEPVYGPLT MSLKPQQQQQ QQQQQQQQQQ QQQQQQQPP PAAANVRKPG GSGLLASPAA APSPSSSSVS SSSATAPSSV VAATSGGGRP GLGRGRNSNK GLPQSTISFD GIYANMRMVH ILTSVVGSKC EVQVKNGGIY EGVFKTYSPK CDLVLDAAHE KSTESSSGPK REEIMESILF KCSDFVWVQF KDMDSSYAKR DAFTDSAISA KVNGEHKEKD LEPWDAGELT ANEELEALEN DVSNGWDPND MFRYNEENYG VVSTYDSSLG SYTVPLERDN SEEFLKREAR ANQLAEEIES SAQYKARVAL ENDDRSEEEK YTAVQRNSSE REGHSINTRE NKYIPPGQRN REVISWGSGR QNSPRMGQPG SGSMPRSTS HTSDFNPNSG SDQRVVNGGV PWSPCPCSPS SRPPSRYSQSG PNSLPPRAAT PTRPPSRPPS RPSRPPSHPS AHGSPAPVST MPKRMSSEGP PRMSPKAQRH PRNHRVSAGR GSISGLEFV SHNPPSEAAT PPVARTSPSG GTWSSVWVSGV PRLSPKTHRP RSPRQNSIGN TPSGPVLASP QAGIIPTEAV

AMPIPAASPT PASPASNRAV TPSSEAKDSR LQDQRQNSPA GNKENIKPNE TSPSFSKAEN
KGISPVVSEH RKQIDDLKKF KNDFRLQPSS TSESMDQLLN KNREGEKSRD LIKDKIEPSA
KDSFIENSSS NCTSGSSKPN SPSISPSILS NTEHKRGPEV TSQGVQTSSP ACKQEKDDKE
EKKDAAEQVR KSTLNPNAKE FNPRSFSQPK PSTTPTSPRP QAQPSPSMVG HQQPTPVYTQ
PVCFAPNMMY PVPVSPGVQP LYPIPMTPMP VNQAKTYRAV PNMPQQRQDQ HHQSAMMHPA
SAAGPIAAT PPAYSTQYVA YSPQQFPNQPV LVQHVPHYQS QHPHVYSPVI QGNARMMAPP
THAQPLVSS SATQYGAHEQ THAMYACPKL PYNKETSFSF YFAISTGSLA QQYAHPNATL
HPHTPHPQPS ATPTGQQSQ HGGSHAPSP VQHHQHAAQ ALHLASPQQ SAIYHAGLAP
TPPSMTPASN TQSPQNSFPA AQQTVFTIHP SHVQPAYTNP PHMAHVPQAH VQSGMVPSHP
TAHAPMMLMT TQPPGGPQAA LAQSALQPIP VSTTAHFPYM THPSVQAHHQ QQL **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 2 (ATXN2)
Alternative Name:	ATXN2 (ATXN2 Products)
Background:	Ataxin-2 (Spinocerebellar ataxia type 2 protein) (Trinucleotide repeat-containing gene 13 protein),FUNCTION: Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane. {ECO:0000269 PubMed:18602463}.
Molecular Weight:	140.3 kDa
UniProt:	Q99700
Pathways:	Ribonucleoprotein Complex Subunit Organization

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