

Datasheet for ABIN7562532

Ataxin 2 Protein (ATXN2) (AA 1-1285) (His tag)



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Overview

Quantity:	1 mg
Target:	Ataxin 2 (ATXN2)
Protein Characteristics:	AA 1-1285
Origin:	Mouse
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:	MRSSTAAVQR PAAGDPEPRR PAGWAARRSL PRTARRGGRG GAVAYPSAGP PPRGPGAPPR GPRSPPCASD CFGSNGHGAS RPGSRLLGV CGPPRPFVVV LLALAPAATP ARACPPGVRA SPPRSGVSSS ARPAPGCPRP ACEPVYGPLT MSLKPQPQP APATGRKPGG GLLSSPGAAP ASAAVTSASV VPAPAAPVAS SSAAAGGGRP GLGRGRNSSK GLPQPTISFD GIYANVRMVH ILTSVVGSKC EVQVKNGGIY EGVFKTYSPK CDLVLDAAHE KSTESSSGPK REEIMESVLF KCSDFVVVQF KDTDSSYARR DAFTDSALSA KVNGEHKEKD LEPWDAGELT ASELELEND VSNOWDPNDM FRYNEENYGV VSTYDSSLSS YTVPLERDNS EEFLKREARA NQLAEEIESS AQYKARVALE NDDRSEEEKY TAVQRNCSDR EGHGPNTRDN KYIPPQQRNR EVLSWGSGRQ SSPRMGQPGP GSMPRAASH TSDFNPNAGS DQRVWNGGVP WSPCPSHSS RPPSRYSQSGP NSLPPRAATH TRPPSRPPSR PSRPPSHPSA HGSPAPVSTM PKRMSSEGPP RMSPKAQRHP RNHRVSAGRG SMSSGLEFVS HNPPSEAAAP PVARTSPAGG TWSSVWVGVP RLSPKTHRPR SPRQSSIGNS PSGPVLASPQ AGIIPAEAVS MPVPAASPTP ASPASNRALT PSIEAKDSRL

Product Details

QDQRQNSPAG SKENVKASET SPSFSKADNK GMSPVSEHR KQIDDLKKFK NDFRLQPSST
SESMDQLLSK NREGEKSRDL IKDKTEASAK DSFIDSSSSS SNCTSGSSKT NSPSISPSML
SNAEHKRGPE VTSQGVQTSS PACKQEKDDR EEKDTTEQV RKSTLNPNAK EFNPRFSQSP
KPSTTPTSPR PQAQPSPSMV GHQQPAPVYT QPVCFAPNMM YPVPVSPGVQ PLYIPMTPM
PVNQAQTYRA GKVPNMPQQR QDQHHQSTMM HPASAAGPPI VATPPAYSTQ YVAYSPQQFP
NQPLVQHVPY YQSQHHPVYS PVIQGNARMM APPAHAQPGL VSSSAAQFGA HEQTHAMYAC
PKLPYNKETS PSFYFAISTG SLAQQAHPN AALHPHTPHP QPSATPTGQQ QSQHGGSHPA
PSPVQHHQHQAQALHLASP QQQSAIYHAG LAPTTPSMTP ASNTQSPQSS FPAAQTVFT
IHPSHVQPAY TTPPHMAHVP QAHVQSGMVP SHPTAHAPMM LMTTQPPGPK AALAQSALQP
IPVSTTAHFP YMTHPSVQAH HQQQL **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)

Target Details

Alternative Name:	Atxn2 (ATXN2 Products)
Background:	Ataxin-2 (Spinocerebellar ataxia type 2 protein homolog),FUNCTION: Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane. {ECO:0000269 PubMed:18602463}.
Molecular Weight:	136.5 kDa
UniProt:	O70305
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