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Datasheet for ABIN7564711
ATXN7 Protein (AA 1-867) (His tag)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ATXN7 |
| Protein Characteristics: | AA 1-867 |
| Origin: | Mouse |
| 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 GEPRAAGGA AAARQQQQP QPLQPQRQHP PLRRPRAEDG GTGDTTTSA AMATVGERRP LPSPEAMLGQ SWNLWVEASK LPGKDGTELD ESFKEFGKNR EVMGLCREDM PIFGLCPAHD DFYLVVCNDC NQVVKPQAFQ SHYERRHSSS SKPALAVPHT SVFSLLP KSKGSGAGGS SRPPSGGVL CASSSKLLRL PKEKLPLRGN MKPMHPVQI KVP HGRVMTP SVKVEKMHPK MDGTLKSTV GPACPATMSS AVKPGLNCP IPKPTLPSPG QILNGKGLPA MPTLEKKS ED SSSNNRKF LNK RLSEREFDPD IHC GVIDLDT KKPCTRS LTK THSLTQ RRA VQGRRKRFDV LLAEHKNKAR EKELIRHDSQ QVPHPLRDPH PTP PRTPQEP QLPAESKPFL ASKPKPQTPS LPRPPGCPAQ QGGSTPIDPP PGQESPH PPL PATEPASRLS SEEGEGDDRE ESVEKLDCHY SGRHPQPASF CTFGSRQIGR GYVVFDSRWN RLRCALNLMV EKHLNAQLWK KIPVPCTTS PVSARVPHRT NSVPTSQGGI SYLAATTVSA PPVLLSSTCI SPNSKSVPAH GTTLNAQPAG SGAMDPVCSV QSRQVSASSS PPSTPSGLSS VPSSPLSRKP QKWKPSKSIR PKESSALSTN CHNASSSTSG GSGKKRKNSS PLLVPSSSSS SSSSSSSSHS VNSFRKNCVA</pre> |

Product Details

HSGTPYLSTA PSSHSIGLNC VTNKTHSVSL RHEQAGRGA GVSSAEPIKR MSVMVNSSDS
TSLGPFHQ ASELVNPNS HTPLDKLIGK KRKCSPGSST VGNSGSKPTK VAKLPAMNNV
HMKHTGNISG AQGLTNNLL HQPKARP **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: ATXN7

Alternative Name: [Atxn7 \(ATXN7 Products\)](#)

Background: Ataxin-7 (Spinocerebellar ataxia type 7 protein homolog),FUNCTION: Involved in neurodegeneration. Acts as a component of the STAGA transcription coactivator-HAT complex. Mediates the interaction of STAGA complex with the CRX and is involved in CRX-dependent gene activation (By similarity). Necessary for microtubule cytoskeleton stabilization (By similarity). {ECO:0000250|UniProtKB:O15265}.

Target Details

Molecular Weight: 92.7 kDa

UniProt: [Q8R4I1](#)

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