

Datasheet for ABIN7555961

**Ubinuclein 1 Protein (UBN1) (AA 1-1134) (His tag)**[Go to Product page](#)

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | Ubinuclein 1 (UBN1)                                 |
| Protein Characteristics:      | AA 1-1134   |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells                                       |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This Ubinuclein 1 protein is labelled with His tag. |

## Product Details

|           |  |
|-----------|--|
| Purpose:  | Custom-made recombinant UBN1 Protein expressed in mammalian cells.   |
| Sequence: | MSEPHRVQFT SLPGSLNPAF LKKSREEEAG AGEQHQDCEP AAAAVRITLT LFEPDHRKCP<br>EFFYPELVKN IRGKVKGLQP GDKKKDLSDP FNDEEKERHK VEALARKFEE KYGGKKRRKD<br>RIQDLIDMGY GYDESDSFID NSEAYDELVP ASLTTKYGGF YINSGTLQFR QASESEDDFI<br>KEKKKKSPKK RKLKEGGEKI KKKKKDDTYD KEKKSJKSKF SKAGFTALNA SKEKKKKKYS<br>GALSVKEMLK KFQKEKEAQK KREEEHKVA VPSAEAQGLR ELEGASDPLL SLFGSTSDND<br>LLQAATAMDS LTDLDLEHLL SESPEGSPFR DMDDGSDSLG VGLDQEFRQP SSLPEGLPAP<br>LEKRVKELAQ AARAAEGESR QKFFTQDING ILLDIEAQTR ELSSQVRSGV YAYLASFLPC<br>SKDALLKRAR KLHLYEQGGR LKEPLQKLKE AIGRAMPEQM AKYQDECQAH TQAKVAKMLE<br>EEKDKEQRDR ICSDEEEDDEE KGGRRIMGPR KKFQWNDEIR ELLCQVVKIK LESQDLERNN<br>KAQAWEDCVK GFLDAEVKPL WPKGWMQART LFKESRRGHG HLTSILAKKK VMAPSKIIVK<br>ESSTKPKKKV SVPSGQIGGP IALPSDHQTG GLSIGASSRE LPSQASGGLA NPPPVNLEDS<br>LDEDLIRNPA SSVEAVSKEL AALNSRAAGN SEFTLPAPSK APAEKVGGVL CTEEKRNFAK |

## Product Details

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PSPSAPPAS SLQSPLNFLA EQALALGQSS QEKKPESSGY KELSCQAPLN KGLPEVHQSK  
AKHHSLPRTS HGPQVAVPVP GPQVKVFHAG TQQQKNFTTP SPFANKLQGP KASPTQCHRS  
LLQLVKTAAK GQGFHPSAPA TSGGLSASSS SSHKTPASSS SALSHPAKPH SVSSAGSSYK  
NNPFASSISK HGVSSGSSSS GGTPVQSSVS GSLVPGIQPP SVGQATSRPV PSSAGKKMPV  
SQKLTLVAPP GGPNGDSSGG TQGVAKLLTS PSLKPSAVSS VTSSTSLSKG ASGTVLLAGS  
SLMASPYKSS SPKLSGAMSS NSLGIITPVP IPVHVLSFSA DSSAKAGVSK DAIVTGPAPG  
SFHHGLGHSL LAGLHSSPPH AAPLPHAAVP THIQSLPGA SQLHGKGPV PRKL **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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: Ubiquitin 1 (UBN1)

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Alternative Name: UBN1 ([UBN1 Products](#))

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Background: Ubiquitin-1 (HIRA-binding protein) (Protein VT4) (Ubiquitously expressed nuclear

## Target Details

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protein),FUNCTION: Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication-independent chromatin assembly. {ECO:0000269|PubMed:14718166, ECO:0000269|PubMed:19029251}.

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Molecular Weight: 121.5 kDa

UniProt: [Q9NPG3](#)

## 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.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months