

Datasheet for ABIN7563778

**Ubinuclein 1 Protein (UBN1) (AA 1-1135) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Ubinuclein 1 (UBN1)
Protein Characteristics:	AA 1-1135
Origin:	Mouse
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 SVPGSLNPAF LKKSREEV GTEQHQDCEP AAAAVRITLT LFEPDHKRCPEFFYPELVKN IRGKVKGLHP GDKKKDVLDP FNDEEKERHK VEALARKFEE KYGGKKRRKDRIQDLIDMGY GYDESDSFID NSEAYDELVP ASLTTKYGGF YINSGTLQFR QASESEDDFIKEKKKKSPKK RKLKEGGEKI KKKKKDDTYD KEKSKKSKF SKAGFTALNA SKEKKKKKYSGSLSVREMLK KFQKEKEAQK KREEEHPVA VSSIEAQGLR ELEGTSPELL SLFGSTSDNDLLQAATAMDS LTDLDLEQLL SESPEGSPFR DMDDGSDSLG VGLDQEFRQP SSFPEGLPIPLEKRVKELAQ AARAAEGESK QKFFTQDING ILLDIEVQTR ELTSQIRSGV FAYLASFLPCSKDALVKRAR KLHLYEQGGR LKEPLQKLD AIGRAMPEQV AKYQDECQAH TQAKVAKMLEEEKDKEQRER ICSDEEEDDEE KGGRRIMGPR KKFQWNDEIR ELLCQVVKIK LESRDLEARNSKAQAWEDCVK AFLDAEVKPL WPKGWMQART LFKESRRGHG HLTSLAKKK VIAPSKIKMKESSVKLDDKKV SVPSGQHGGP TTLLSEHQGG GLNTGANSRE HPSQATCGLT DSVSVTLEDSLDEDLVRNPA SSVDAVSKEL ATLNSRAANS SEFTLPTPSK APTEKVGGLV CTEEKRNFAK

## Product Details

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PSSSAPPPTN ALQSPLNFLA EQALALGQSS QEKKPEGSGF KELSCQGPLS KGVPELHPSK  
AKHHNLPRTS HGPQAAAPVP GPQVKVFHAG TQQKSFTPP SPFVNKLQGP KATSPQCHRS  
LLQLVKTAAK GQAFHATMPA SSGSSPASSS SAHKTTASNS TTISHPAKLH PTSSVGPSYK  
NNPFAGSVSK HGASSSPSP GGGAQVQSSV SGASLPGVQS PSAGQSASRA APSSAVKKT  
VTQKLTLVAP PGGPNGDSGG GTQGVAKLLT SSLKPAAVSS VTSSTSLPKG TGGAVLLSNT  
SSLSLLSSSY KSNPKLPGA MNSNSLGIIT QFPLHVLSFN ADSSAKAGVS KDAIVTGPAP  
GTFHHGLSHS LLAGLHSSPP HTAPLPHAAV STHVPQSLPD ASQLHGKGPV VPRKL **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 (Ubiquitously expressed nuclear protein),FUNCTION: Acts as a novel regulator of

## Target Details

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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 (By similarity). {ECO:0000250}.

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Molecular Weight: 122.3 kDa

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UniProt: [Q4G0F8](#)

## 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