

Datasheet for ABIN7548019

**Nucleostemin Protein (AA 1-549) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Nucleostemin (GNL3)
Protein Characteristics:	AA 1-549
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nucleostemin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat GNL3 Protein expressed in mammalian cells.
Sequence:	MKRPKLKKAS KRMTCHKRYK IQKKVREHHR KLRKEAKKRG HKKPRKDPGV PNSAPFKEAL LREAELRKQR LEELKQQQKL DRQKELEKKR KLETNPDIKP SNVEPMEKEF GLCKTENKAK SGKQNSKKLY CQELKKVIEA SDVVLEVELDA RDPLGCRCPQ VEEAIVQSGQ KKLVLILNKS DLVPKENLES WLNLYLKKELP TVVFRASKTP KDKGKITKRV KAKKNAAPFR SEVCFGKEGL WKLLGGFQET CSKAIRVGVI GFPNVGKSSI INSLKQEQMC NVGVSMGLTR SMQVVPLDKQ ITIIDSPSFI VSPLNSSSAL ALRSPASIEV VKPMEAASAI LSQADARQVV LKYTVPGYRN SLEFFTFLAQ RRGMHQKGGI PNVEGAAKLL WSEWTGASLA YYCHPPTS WT PPPYFNESIV VDMKSGFNLE ELEKNNAQSI RAIKGPHLAN SILFQSSGLT NGIIEEKDIH EELPKRKERK QEEREDDKDS DQETVDEEVD ENSSGMFAAE ETGEALSEET TAGEQSTRSF ILDKIIEEDD AYDFSTDYV <b>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</b>

## Product Details

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**necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
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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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Nucleostemin (GNL3)
Alternative Name:	<a href="#">GNL3 (GNL3 Products)</a>
Background:	Guanine nucleotide-binding protein-like 3 (E2-induced gene 3 protein) (Novel nucleolar protein 47) (NNP47) (Nucleolar GTP-binding protein 3) (Nucleostemin),FUNCTION: May be required to maintain the proliferative capacity of stem cells. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation (By similarity). {ECO:0000250, ECO:0000269 PubMed:12464630, ECO:0000269 PubMed:16012751}.
Molecular Weight:	62.0 kDa
UniProt:	<a href="#">Q9BVP2</a>

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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