

Datasheet for ABIN7559357

Nucleostemin Protein (AA 1-538) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Nucleostemin (GNL3)
Protein Characteristics:	AA 1-538
Origin:	Mouse
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 mammalien cells.
Sequence:	MKRPKLKKAS KRMTCHKRYK IQKKVREHHR KLRKEAKKRG HKKPRKDPGV PNSAPFKEAL LREAELRKQQ LEELKQQQKL DRQKEQERKR KLEVSPGDEQ SNVETREESD EPKRKKAKAG KQNPKKLHCQ ELKKVIEASD IVLEVLDARD PLGCRCPQIE EAVIQSGSKK LILVLNKS DL VPKENLENWL NYLNKELPTV VFKASTNLKN RKTFKIKKKK VVPFQSKICC GKEALWKLLG DFQQSCGKDI QVGVIGFPNV GKSSVINS LK QEWICNVGIS MGLTRSMQIV PLDKQITIID SPCLIISPCN SPTALALRSP ASIEELRPLE AASAILSQAD NEQVVLKYTV PEYKDSLHFF TKLAQRRLGH QKGGSPNVES AAKLVWSEWT GASLGYCHP PASWNHSLHF NENIAAVMKK GFNLEELEKN NAHSIQVLKG PHLTNRILFR SSGLTNGILD EKDIVEESPR QTEDKQDADD QENGSGERNA EISDVAPVEE TRELSPSEQST AGKPSDGSSA LDRASQEDET YDFTTDYI 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

Product Details

have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

Nucleostemin (GNL3)

Alternative Name:

Gnl3 ([GNL3 Products](#))

Background:

Guanine nucleotide-binding protein-like 3 (Nucleolar GTP-binding protein 3) (Nucleostemin),FUNCTION: May be required to maintain the proliferative capacity of stem cells (By similarity). Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation. {ECO:0000250, ECO:0000269|PubMed:21132010}.

Molecular Weight:

60.8 kDa

UniProt:

[Q8CI11](#)

Application Details

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 guarantee though.

Application Details

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