

Datasheet for ABIN7549753  
**NDN Protein (AA 1-321) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NDN
Protein Characteristics:	AA 1-321
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDN protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NDN Protein expressed in mammalian cells.
Sequence:	MSEQSKDLS D PNFAAEAPNS EVHSSPGVSE GVPPSATLAE PQSPPLGPTA APQAAPPPQA PNDEGDPKAL QQAAEEGRAH QAPSAAQPGP APPAPAQLVQ KAHELMWYVL VKDQKKMIW FPD MVKDVIG SYKKWCRSIL RRTSLILARV FGLHLRLTSL HTMEFALVKA LEPEELDRVA LSNRMPMTGL LLMILSLIYV KGRGARESAV WNVLRILGLR PWKKHSTFGD VRKLITEEFV QMNYLKYQRV PYVEPPEYEF FWGSRASREI TKMQIMEFLA RVFKKDPQAW PSRYREAL EE ARALREANPT AHYPRSSVSE D <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 necessary. In case you have a special request, please contact us.</b>
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:

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	NDN
Alternative Name:	NDN ( <a href="#">NDN Products</a> )
Background:	Necdin,FUNCTION: Growth suppressor that facilitates the entry of the cell into cell cycle arrest. Functionally similar to the retinoblastoma protein it binds to and represses the activity of cell-cycle-promoting proteins such as SV40 large T antigen, adenovirus E1A, and the transcription factor E2F. Necdin also interacts with p53 and works in an additive manner to inhibit cell growth. Also functions as a transcription factor and directly binds to specific guanosine-rich DNA sequences (By similarity). {ECO:0000250}.
Molecular Weight:	36.1 kDa
UniProt:	<a href="#">Q99608</a>
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a>

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## 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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## Application Details

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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