

**NDN Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP20885b****Specification**

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**NDN Blocking Peptide (N-term) - Product Information**Primary Accession [Q99608](#)**NDN Blocking Peptide (N-term) - Additional Information****Gene ID** 4692**Other Names**  
Necdin, NDN**Target/Specificity**

The synthetic peptide sequence is selected from aa 75-89 of HUMAN NDN

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NDN Blocking Peptide (N-term) - Protein Information****Name** NDN**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).

**Cellular Location**

Perikaryon. Nucleus. Note=Neural perikarya, translocates to the nucleus of postmitotic neurons and interacts with the nuclear matrix

**Tissue Location**

Almost ubiquitous. Detected in fetal brain, lung, liver and kidney; in adult heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine and colon. Not detected in peripheral blood leukocytes. In brain, restricted to post-mitotic neurons

### **NDN Blocking Peptide (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **NDN Blocking Peptide (N-term) - Images**

### **NDN Blocking Peptide (N-term) - Background**

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### **NDN Blocking Peptide (N-term) - References**

Jay P.,et al.Nat. Genet. 17:357-360(1997).  
Nakada Y.,et al.Gene 213:65-72(1998).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Beneduzzi D.,et al.Eur. J. Endocrinol. 165:145-150(2011).