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# TTN Blocking Peptide (N-term)

**Synthetic peptide**
**Catalog # BP21985a**

## Specification

### TTN Blocking Peptide (N-term) - Product Information

| | |
|---|---|
| Primary Accession | Q8WZ42 |
| Other Accession | A2ASS6 |

### TTN Blocking Peptide (N-term) - Additional Information

**Gene ID** 7273

**Other Names**
Titin, 2.7.11.1, Connectin, Rhabdomyosarcoma antigen MU-RMS-40.14, TTN

**Target/Specificity**
The synthetic peptide sequence is selected from aa 7189-7203 of HUMAN TTN

**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.

### TTN Blocking Peptide (N-term) - Protein Information

**Name** TTN

**Function**
Key component in the assembly and functioning of vertebrate striated muscles. By providing connections at the level of individual microfilaments, it contributes to the fine balance of forces between the two halves of the sarcomere. The size and extensibility of the cross-links are the main determinants of sarcomere extensibility properties of muscle. In non-muscle cells, seems to play a role in chromosome condensation and chromosome segregation during mitosis. Might link the lamina network to chromatin or nuclear actin, or both during interphase.

**Cellular Location**
Cytoplasm. Nucleus

**Tissue Location**
Isoforms 3, 7 and 8 are expressed in cardiac muscle. Isoform 4 is expressed in vertebrate skeletal muscle. Isoform 6 is expressed in skeletal muscle (at protein level)

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## TTN Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

## TTN Blocking Peptide (N-term) - Images

## TTN Blocking Peptide (N-term) - Background

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## TTN Blocking Peptide (N-term) - References

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