

**C102B Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP5377b****Specification**

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**C102B Blocking Peptide (C-term) - Product Information**

Primary Accession [Q68D86](#)  
Other Accession [NP\\_079057.2](#)

**C102B Blocking Peptide (C-term) - Additional Information**

**Gene ID** 79839

**Other Names**

Coiled-coil domain-containing protein 102B, CCDC102B, C18orf14

**Target/Specificity**

The synthetic peptide sequence is selected from aa 487-500 of HUMAN CCDC102B

**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.

**C102B Blocking Peptide (C-term) - Protein Information**

**Name** CCDC102B

**Synonyms** C18orf14

**Function**

During interphase, forms fibers at the proximal ends of centrioles to maintain centrosome cohesion (PubMed:<a href="http://www.uniprot.org/citations/30404835" target="\_blank">30404835</a>). During mitosis, dissociates from the centrosome following phosphorylation to allow centrosome separation (PubMed:<a href="http://www.uniprot.org/citations/30404835" target="\_blank">30404835</a>). Contributes to CROCC/rootletin filament formation (PubMed:<a href="http://www.uniprot.org/citations/30404835" target="\_blank">30404835</a>).

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole  
Note=Concentrated at the proximal ends of centrioles where it forms fibers (PubMed:30404835). Centrosomal localization becomes weak when cells enter prophase and is significantly decreased

in metaphase (PubMed:30404835).

### **C102B Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **C102B Blocking Peptide (C-term) - Images**

### **C102B Blocking Peptide (C-term) - References**

Miller, Y.E., et al. Genomics 8(1):149-154(1990)