

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

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:30404835). During mitosis, dissociates from the centrosome following phosphorylation to allow centrosome separation (PubMed:30404835). Contributes to CROCC/rootletin filament formation (PubMed:30404835).

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)