

**NUGGC Blocking Peptide (Center)**  
Synthetic peptide  
Catalog # BP21865c**Specification**

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**NUGGC Blocking Peptide (Center) - Product Information**Primary Accession [Q68CJ6](#)**NUGGC Blocking Peptide (Center) - Additional Information****Gene ID** 389643**Other Names**Nuclear GTPase SLIP-GC, 361-,  
Speckled-like pattern in the germinal  
center, NUGGC, C8orf80**Target/Specificity**The synthetic peptide sequence is selected  
from aa 299-311 of HUMAN NUGGC**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.**NUGGC Blocking Peptide (Center) - Protein Information****Name** NUGGC**Synonyms** C8orf80**Function**Nuclear GTPase found in germinal center  
B-cells, where it may inhibit function of the  
activation-induced cytidine deaminase**NUGGC Blocking Peptide (Center) - Background**Plays a role as replication-related GTPase  
protein in germinal center B-cell.**NUGGC Blocking Peptide (Center) - References**Nusbaum C.,et al.Nature 439:331-335(2006).  
Yamada S.,et al.Oncogene  
23:5901-5911(2004).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Richter K.,et al.J. Biol. Chem.  
284:30652-30661(2009).

AICDA (PubMed:<a href="http://www.uniprot.org/citations/19734146" target="\_blank">19734146</a>). Reduces somatic hypermutation in B-cells which may enhance genome stability (By similarity).

**Cellular Location**

Nucleus speckle.

**Tissue Location**

Expressed in germinal center B-cell and in lymphomas derived from germinal center B-cell

**NUGGC Blocking Peptide (Center) -  
Protocols**

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

- [Blocking Peptides](#)