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C8orf80 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP22085a

Specification

C8orf80 Blocking Peptide (N-Term) - Product Information

Primary Accession Q68CJ6

C8orf80 Blocking Peptide (N-Term) - Additional Information

Gene ID 389643

Other Names
Nuclear GTPase SLIP-GC, 3.6.1.-, Speckled-like pattern in the germinal center, NUGGC, C8orf80

Target/Specificity
The synthetic peptide sequence is selected from aa 47-59 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.

C8orf80 Blocking Peptide (N-Term) - 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 AICDA (PubMed:19734146). 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

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C8orf80 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides

C8orf80 Blocking Peptide (N-Term) - Images

C8orf80 Blocking Peptide (N-Term) - Background

Plays a role as replication-related GTPase protein in germinal center B-cell.

C8orf80 Blocking Peptide (N-Term) - 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).