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C1QA Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20555c

Specification

C1QA Blocking Peptide (Center) - Product Information

Primary Accession P02745

C1QA Blocking Peptide (Center) - Additional Information

Gene ID 712

Other Names
Complement C1q subcomponent subunit A, C1QA

Target/Specificity
The synthetic peptide sequence is selected from aa 89-103 of HUMAN C1QA

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.

C1QA Blocking Peptide (Center) - Protein Information

Name C1QA

Function
C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

Cellular Location
Secreted.

C1QA Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

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C1QA Blocking Peptide (Center) - Images

C1QA Blocking Peptide (Center) - Background

C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

C1QA Blocking Peptide (Center) - References

Sellar G.C.,et al.Biochem. J. 274:481-490(1991).
Wan T.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
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