

**GSN Blocking Peptide (N-term)**

Synthetic peptide

Catalog # BP20726a

**Specification**

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**GSN Blocking Peptide (N-term) - Product Information**

Primary Accession

[P06396](#)**GSN Blocking Peptide (N-term) - Additional Information****Gene ID** 2934**Other Names**

Gelsolin, AGEL, Actin-depolymerizing factor, ADF, Brevin, GSN

**Target/Specificity**

The synthetic peptide sequence is selected from aa 36-50 of HUMAN GSN

**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.

**GSN Blocking Peptide (N-term) - Protein Information****Name** GSN**Function**

Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed (PubMed:<a href="http://www.uniprot.org/citations/19666512" target="\_blank">19666512</a>). Plays a role in ciliogenesis (PubMed:<a href="http://www.uniprot.org/citations/20393563" target="\_blank">20393563</a>).

**Cellular Location**

[Isoform 2]: Cytoplasm, cytoskeleton.

**Tissue Location**

Phagocytic cells, platelets, fibroblasts, nonmuscle cells, smooth and skeletal muscle cells

## **GSN Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

## **GSN Blocking Peptide (N-term) - Images**

## **GSN Blocking Peptide (N-term) - Background**

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## **GSN Blocking Peptide (N-term) - References**

Kwiatkowski D.J.,et al.Nature 323:455-458(1986).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Humphray S.J.,et al.Nature 429:369-374(2004).  
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Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).