

**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20788c****Specification**

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**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Product Information**Primary Accession [P01009](#)**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Additional Information**

Gene ID 5265

**Other Names**

Alpha-1-antitrypsin, Alpha-1 protease inhibitor, Alpha-1-antiproteinase, Serpin A1, Short peptide from AAT, SPAAT, SERPINA1, AAT, PI

**Target/Specificity**

The synthetic peptide sequence is selected from aa 404-418 of HUMAN SERPINA1

**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.

**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Protein Information**Name SERPINA1 ([HGNC:8941](#))

Synonyms AAT, PI

**Function**

Inhibitor of serine proteases. Its primary target is elastase, but it also has a moderate affinity for plasmin and thrombin. Irreversibly inhibits trypsin, chymotrypsin and plasminogen activator. The aberrant form inhibits insulin-induced NO synthesis in platelets, decreases coagulation time and has proteolytic activity against insulin and plasmin.

**Cellular Location**

Secreted. Endoplasmic reticulum. Note=The S and Z allele are not secreted effectively and accumulate intracellularly in the endoplasmic reticulum

**Tissue Location**

Ubiquitous. Expressed in leukocytes and plasma.

**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Images****SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - Background**

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**SERPINA1(Short peptide from AAT) Blocking Peptide (C-term) - References**

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