

SERPINB9 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP19931c**Specification**

SERPINB9 Blocking Peptide (Center) - Product Information

Primary Accession [P50453](#)
Other Accession [NP_004146.1](#)

SERPINB9 Blocking Peptide (Center) - Additional Information

Gene ID 5272

Other Names

Serpin B9, Cytoplasmic antiproteinase 3, CAP-3, CAP3, Peptidase inhibitor 9, PI-9, SERPINB9, PI9

Target/Specificity

The synthetic peptide sequence is selected from aa 137-150 of HUMAN SERPINB9

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.

SERPINB9 Blocking Peptide (Center) - Protein Information

Name SERPINB9

Synonyms PI9

Function

Granzyme B inhibitor.

Cellular Location

Cytoplasm.

SERPINB9 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

SERPINB9 Blocking Peptide (Center) - Images**SERPINB9 Blocking Peptide (Center) - Background**

PI9 belongs to the large superfamily of serine proteinase inhibitors (serpins), which bind to and inactivate serine proteinases. These interactions are involved in many cellular processes, including coagulation, fibrinolysis, complement fixation, matrix remodeling, and apoptosis (Sprecher et al., 1995 [PubMed 8530382]).

SERPINB9 Blocking Peptide (Center) - References

Rousalova, I., et al. Int. J. Oncol. 36(1):275-283(2010)
Jiang, X., et al. Endocrinology 149(11):5366-5373(2008)
Bots, M., et al. Hum. Immunol. 68(12):959-964(2007)
Kummer, J.A., et al. Cell Death Differ. 14(8):1486-1496(2007)
Jiang, X., et al. Oncogene 26(28):4106-4114(2007)