10320 Camino Santa Fe, Suite G
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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

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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)