

**PSMD6 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20266C****Specification**

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**PSMD6 Blocking Peptide (Center) - Product Information**

Primary Accession [O15008](#)  
Other Accession [O99JI4](#), [Q9V3G7](#), [Q3T0B2](#), [NP\\_055629.1](#)

**PSMD6 Blocking Peptide (Center) - Additional Information**

**Gene ID** 9861

**Other Names**

26S proteasome non-ATPase regulatory subunit 6, 26S proteasome regulatory subunit RPN7, 26S proteasome regulatory subunit S10, Breast cancer-associated protein SGA-113M, Phosphonoformate immuno-associated protein 4, Proteasome regulatory particle subunit p44S10, p42A, PSMD6, KIAA0107, PFAAP4

**Target/Specificity**

The synthetic peptide sequence is selected from aa 169-182 of HUMAN PSMD6

**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.

**PSMD6 Blocking Peptide (Center) - Protein Information**

**Name** PSMD6

**Synonyms** KIAA0107, PFAAP4

**Function**

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.

## **PSMD6 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

## **PSMD6 Blocking Peptide (Center) - Images**

## **PSMD6 Blocking Peptide (Center) - Background**

Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.

## **PSMD6 Blocking Peptide (Center) - References**

Tanaka, T., et al. Am. J. Hum. Genet. 84(4):477-482(2009)  
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :  
Listovsky, T., et al. EMBO J. 23(7):1619-1626(2004)  
Bouwmeester, T., et al. Nat. Cell Biol. 6(2):97-105(2004)  
Margottin-Goguet, F., et al. Dev. Cell 4(6):813-826(2003)