

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

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)