

PLK5 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21966c

Specification

PLK5 Blocking Peptide (Center) - Product Information

Primary Accession [Q496M5](#)

PLK5 Blocking Peptide (Center) - Additional Information

Gene ID 126520

Other Names

Inactive serine/threonine-protein kinase PLK5, Polo-like kinase 5, PLK-5, PLK5, PLK5P

Target/Specificity

The synthetic peptide sequence is selected from aa 160-174 of HUMAN PLK5

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.

PLK5 Blocking Peptide (Center) - Protein Information

Name PLK5

Synonyms PLK5P

Function

Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation.

Cellular Location

Nucleus, nucleolus. Cytoplasm

Tissue Location

Expressed in the brain, neurons and glial cells. Also expressed in highly differentiated cells, such as the serous acini in the parotid gland, distal and proximal tubules of the kidney, tubules of the seminal gland, Kupffer cells and some hepatocytes in the liver, and some cells in the germinal center of lymph nodes (at protein level).

PLK5 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

PLK5 Blocking Peptide (Center) - Images

PLK5 Blocking Peptide (Center) - Background

Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation.

PLK5 Blocking Peptide (Center) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Li H.,et al.Submitted (MAR-2006) to the EMBL/GenBank/DDBJ databases.
Grimwood J.,et al.Nature 428:529-535(2004).
de Carcer G.,et al.Mol. Cell. Biol. 31:1225-1239(2011).