

PDS5B Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21942b**Specification****PDS5B Blocking Peptide (C-Term) - Product Information**Primary Accession [Q9NTI5](#)**PDS5B Blocking Peptide (C-Term) - Additional Information****Gene ID** 23047**Other Names**

Sister chromatid cohesion protein PDS5 homolog B, Androgen-induced proliferation inhibitor, Androgen-induced prostate proliferative shutoff-associated protein AS3, PDS5B

Target/Specificity

The synthetic peptide sequence is selected from aa 1217-1228 of HUMAN PDS5B

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.

PDS5B Blocking Peptide (C-Term) - Protein Information**Name** PDS5B**Function**

Regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May

PDS5B Blocking Peptide (C-Term) - Background

Regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Plays a role in androgen-induced proliferative arrest in prostate cells.

PDS5B Blocking Peptide (C-Term) - References

Geck P.,et al.J. Steroid Biochem. Mol. Biol. 63:211-218(1997).
Geck P.,et al.J. Steroid Biochem. Mol. Biol. 68:41-50(1999).
Nagase T.,et al.DNA Res. 6:63-70(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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Cellular Location

Nucleus

{ECO:0000250|UniProtKB:Q6TRW4}.

Tissue Location

Widely expressed..

**PDS5B Blocking Peptide (C-Term) -
Protocols**

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

- [Blocking Peptides](#)