



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

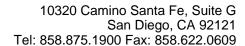
Regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important 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