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CDC25B Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP7256a

Specification

CDC25B Blocking Peptide (N-term) - Product Information

Primary Accession	O43550
Other Accession	P30305

CDC25B Blocking Peptide (N-term) - Additional Information

Other Names
M-phase inducer phosphatase 2; Dual specificity phosphatase Cdc25B; CDC25B; CDC25HU2;

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.

CDC25B Blocking Peptide (N-term) - Protein Information

Name CDC25B {ECO:0000313|EMBL:AAB94625.1}

CDC25B Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

CDC25B Blocking Peptide (N-term) - Images

CDC25B Blocking Peptide (N-term) - Background

CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist. Transcript Variant: This variant (4) represents the longest transcript variant and lacks exon 2a.

CDC25B Blocking Peptide (N-term) - References

Uchida, S., et al., Biochem. Biophys. Res. Commun. 316(1):226-232 (2004).
Ito, Y., et al., Int. J. Mol. Med. 13(3):431-435 (2004).
Wu, W., et al., Cancer Res. 63(19):6195-6199 (2003).
Mils, V., et al., Exp. Cell Res. 285(1):99-106 (2003).
Theis-Febvre, N., et al., Oncogene 22(2):220-232 (2003).