

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cks1 (H3) Peptide

Cat No.: BS2290P

Background

The Cdc2 p34-cyclin B complex plays a critical role in the cell cycle by regulating the G2 to M transition. Also referred to as M-phase promoting factor or MPF, this complex is a required component of the cell cycle machinery and is necessary for cell entry into mitosis. The Cdc28 protein represents the *S. cerevisiae* counterpart of human Cdc2 p34 and has been found complexed to a regulatory protein, termed p13suc 1, in addition to cyclin B. The human homolog of p13suc 1 has been identified and designated Cks1 p9. Null mutations in the p13suc 1 and Cks1 p9 genes result in the arrest of the cell cycle at either the G1 or G2 phase, suggesting that the proteins may also regulate the activity of cyclin dependent kinases that act at critical points early in the cell cycle.

Swiss-Prot

P61024

Applications

Blocking

Specificity

This peptide can be used with studies using BS2290 Cks1 (H3) pAb.

Purification & Purity

Synthetic peptide Cks1 (H3). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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