

## Cdc25B-S186 Phospho Peptide

Synthetic Peptide Catalog # SP2066a

### **Specification**

## Cdc25B-S186 Phospho Peptide - Product Information

Primary Accession

Sequence

**EAGSGAA(pS)SSGEDKEC** 

P30305

# Cdc25B-S186 Phospho Peptide - Additional Information

Gene ID 994

#### **Other Names**

M-phase inducer phosphatase 2, Dual specificity phosphatase 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-S186 Phospho Peptide - Protein Information

Name CDC25B

Synonyms CDC25HU2

#### **Function**

Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed:<a href="http://www.uniprot.org/citations/1836978" target="http://www.uniprot.org/citations/2036" target="

target="\_blank">1836978</a>, PubMed:<a href="http://www.uniprot.org/citations/20360007" target="\_blank">20360007</a>). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed:<a href="http://www.uniprot.org/citations/20360007"

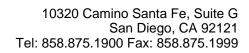
target="\_blank">20360007</a>). Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner (PubMed:<a

href="http://www.uniprot.org/citations/17332740" target="\_blank">17332740</a>). The three isoforms seem to have a different level of activity (PubMed:<a

href="http://www.uniprot.org/citations/1836978" target=" blank">1836978</a>).

### **Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole





Cdc25B-S186 Phospho Peptide - Images