

#### Biotinylated Cdc25B-S187 Non-phospho Control Peptide Synthetic Peptide Catalog # SP2067d

### Specification

### Biotinylated Cdc25B-S187 Non-phospho Control Peptide - Product Information

Primary Accession Sequence P30305 Biotin-AGSGAASSSGEDKEN

### Biotinylated Cdc25B-S187 Non-phospho Control Peptide - Additional Information

Gene ID 994

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.

## Biotinylated Cdc25B-S187 Non-phospho Control 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="\_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>). 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/17332740" target="\_blank">1836978</a>).

**Cellular Location** 

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



# **Biotinylated Cdc25B-S187 Non-phospho Control Peptide - Images**