

Cdc25B-S187 Phospho Peptide
Synthetic Peptide
Catalog # SP2067a**Specification**

Cdc25B-S187 Phospho Peptide - Product Information

Primary Accession [P30305](#)
Sequence **AGSGAAS(pS)SGEDKENC**

Cdc25B-S187 Phospho 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.

Cdc25B-S187 Phospho Peptide - Protein Information

Name CDC25B

Synonyms CDC25HU2

Function

Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed:1836978, PubMed:20360007). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed:20360007). Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner (PubMed:17332740). The three isoforms seem to have a different level of activity (PubMed:1836978).

Cellular Location

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

Cdc25B-S187 Phospho Peptide - Images