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Cdc25B-S187 Non-phospho Control Peptide
Synthetic Peptide
Catalog # SP2067c

Specification

Cdc25B-S187 Non-phospho Control Peptide - Product Information

Primary Accession	P30305
Sequence	AGSGAASSSGEDKENC

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.

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: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

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Cdc25B-S187 Non-phospho Control Peptide - Images