

Cdc25B-S187 Phospho Peptide

Synthetic Peptide Catalog # SP2067a

Specification

Cdc25B-S187 Phospho Peptide - Product Information

Primary Accession

Sequence AGSGAAS(pS)SGEDKENC

Cdc25B-S187 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.

P30305

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

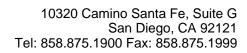
Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed:1836978, PubMed:<a href="http://www.uniprot.org/citations/20360007"

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

target="_blank">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