

**Biotinylated Cdc25A-S278 Phospho Peptide**  
**Synthetic Peptide**  
**Catalog # SP2076b****Specification**

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**Biotinylated Cdc25A-S278 Phospho Peptide - Product Information**

Primary Accession [P30304](#)  
Sequence **Biotin-VLKRPER(pS)QEESPPG**

**Biotinylated Cdc25A-S278 Phospho Peptide - Additional Information**

**Gene ID** 993

**Other Names**

M-phase inducer phosphatase 1, Dual specificity phosphatase Cdc25A, CDC25A

**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 Cdc25A-S278 Phospho Peptide - Protein Information**

**Name** CDC25A

**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/12676925" target="\_blank">12676925</a>, PubMed:<a href="http://www.uniprot.org/citations/14559997" target="\_blank">14559997</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>). Also dephosphorylates CDK2 in complex with cyclin-E, in vitro (PubMed:<a href="http://www.uniprot.org/citations/20360007" target="\_blank">20360007</a>).

**Biotinylated Cdc25A-S278 Phospho Peptide - Images**