

**Cdc25A-S123 Phospho Peptide**  
**Synthetic Peptide**  
**Catalog # SP2058a****Specification**

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**Cdc25A-S123 Phospho Peptide - Product Information**

Primary Accession	<a href="#">P30304</a>
Other Accession	<a href="#">P48965</a>
Sequence	<b>PALKRSH(pS)DSLDDHDIC</b>

**Cdc25A-S123 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.

**Cdc25A-S123 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>).

**Cdc25A-S123 Phospho Peptide - Images**