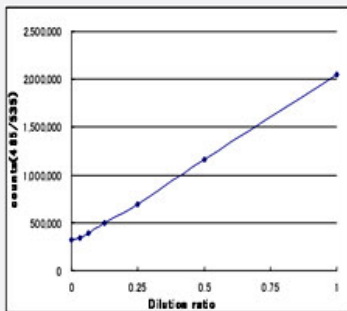


# Protein Phosphatase Cdc25C Fluorometric (Human) Assay Kit

Catalog # KA0085      Size 1 Kit

## Applications



Dose dependent curve of recombinant Cdc25C catalytic domain.

## Specification

<b>Product Description</b>	Protein Phosphatase Cdc25C Fluorometric (Human) Assay Kit is a fluorometric and non-radioactive assay designed to measure the activity of Cdc25C protein phosphatase.
<b>Reactivity</b>	Human
<b>Regulation Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	Dose dependent curve Dose dependent curve of recombinant Cdc25C catalytic domain.
<b>Storage Instruction</b>	Store the kit at -20°C. Recombinant protein should be stored at -80°C.

## Applications

- Functional Study

## Gene Info — CDC25C

Entrez GeneID [995](#)

Gene Name	CDC25C
Gene Alias	CDC25
Gene Description	cell division cycle 25 homolog C (S. pombe)
Omim ID	<a href="#">157680</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known. [provided by RefSeq]
Other Designations	cell division cycle 25C cell division cycle 25C protein dual specificity phosphatase CDC25C m-phase inducer phosphatase 3 mitosis inducer CDC25 phosphotyrosine phosphatase

## Pathway

- [Cell cycle](#)

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)