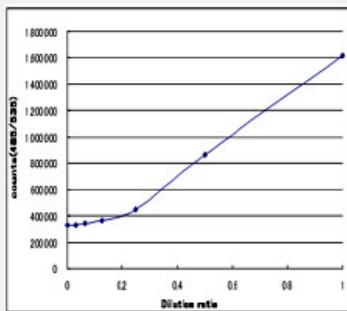


Protein Phosphatase Cdc25A Fluorometric (Human) Assay Kit

Catalog # KA0083

Size 1 Kit

Applications



Dose dependent curve of recombinant Cdc25A catalytic domain.

Specification

Product Description	Protein Phosphatase Cdc25A Fluorometric (Human) Assay Kit is a fluorometric and non-radioactive assay designed to measure the activity of Cdc25A protein phosphatase.
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Dose dependent curve Dose dependent curve of recombinant Cdc25A catalytic domain.
Storage Instruction	Store the kit at -20°C. Recombinant protein should be stored at -80°C.

Applications

- Functional Study

Gene Info — CDC25A

Entrez GeneID

[993](#)

Gene Name	CDC25A
Gene Alias	CDC25A2
Gene Description	cell division cycle 25 homolog A (S. pombe)
Omim ID	116947
Gene Ontology	Hyperlink
Gene Summary	CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	M-phase inducer phosphatase 1 cell division cycle 25A dual specificity phosphatase CDC25A

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Breast Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)