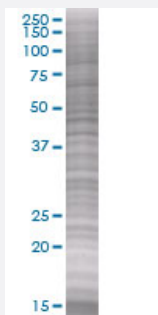


# CDC25C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000995-T01

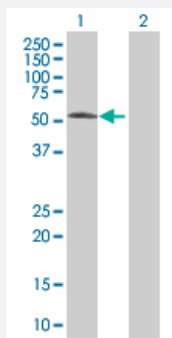
Size 100 uL

## Applications



### SDS-PAGE Gel

CDC25C transfected lysate



### Western Blot

Lane 1: CDC25C transfected lysate ( 53.3 KDa).

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-CDC25C full-length

**Host** Human

**Theoretical MW (kDa)** 53.3

### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CDC25C antibody ([H00000995-B01](#)) by Western Blots.

SDS-PAGE Gel

CDC25C transfected lysate

Western Blot

Lane 1: CDC25C transfected lysate ( 53.3 KDa).

Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — CDC25C

**Entrez GeneID**[995](#)**GeneBank Accession#**[NM\\_001790](#)**Protein Accession#**[NP\\_001781](#)**Gene Name**

CDC25C

**Gene Alias**

CDC25

**Gene Description**

cell division cycle 25 homolog C (S. pombe)

**Omim ID**[157680](#)**Gene Ontology**[Hyperlink](#)**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-phosphatase 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](#)