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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCNE1 293T Cell Transient Overexpression Lysate(Denatured)

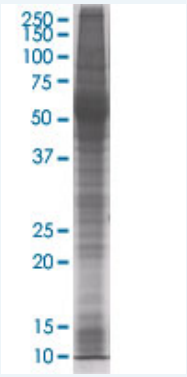
Catalog # : H00000898-T01 **規格 :** [100 uL]

List All

Specification

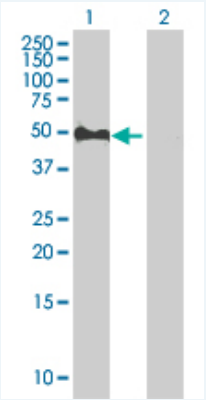
Transfected Cell Line:	293T
Plasmid:	pCMV-CCNE1 full-length
Host:	Human
Theoretical MW (kDa):	45.21
Quality Control Testing:	Transient overexpression cell lysate was tested with Anti-CCNE1 antibody (H00000898-B01) by Western Blots.

SDS-PAGE Gel



CCNE1 transfected lysate

Western Blot



Lane 1: CCNE1 transfected lysate (45.21 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.
MSDS:	Download

Applications

Application Image

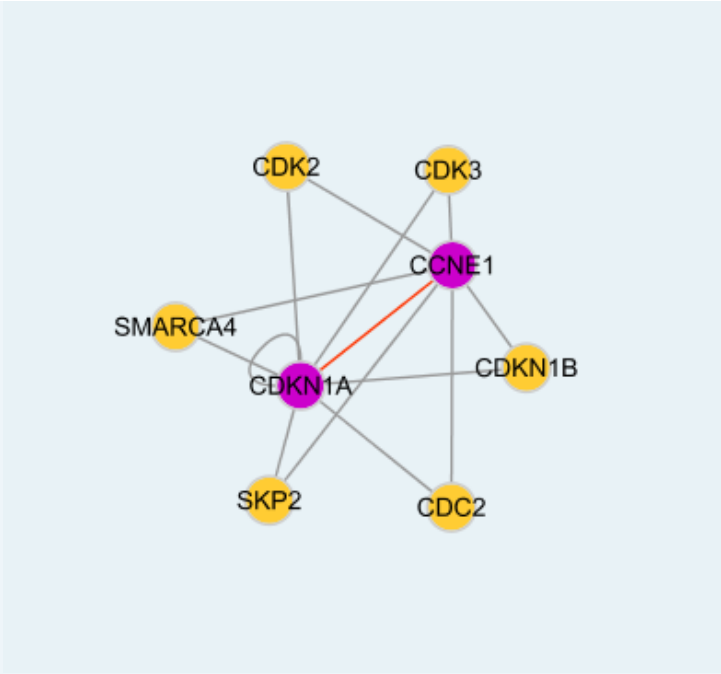
Western Blot

Western Blot

Gene Information

Entrez GeneID:	898
GeneBank Accession#:	BC035498
Protein Accession#:	AAH35498
Gene Name:	CCNE1
Gene Alias:	CCNE
Gene Description:	cyclin E1
Omim ID:	123837
Gene Ontology:	Hyperlink
Gene Summary:	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis. This protein was found to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein mapped to the ATM locus), which participates in cell-cycle regulated histone gene expression and plays a critical role in promoting cell-cycle progression in the absence of pRB. Two alternatively spliced transcript variants of this gene, which encode distinct isoforms, have been described. Two additional splice variants were reported but detailed nucleotide sequence information is not yet available. [provided by RefSeq
Other Designations:	cyclin Es,cyclin Et

Interactome



Gene Pathway

Cell cycle p53 signaling pathway Pathways in cancer Prostate cancer
Small cell lung cancer

Related Disease

Adenocarcinoma Breast cancer Breast Neoplasms Disease Progression
Esophageal Neoplasms Genetic Predisposition to Disease Neoplasm Invasiveness
Neoplasms, Glandular and Epithelial Ovarian cancer Ovarian Neoplasms
Urinary Bladder Neoplasms