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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCNE1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000898-T03

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

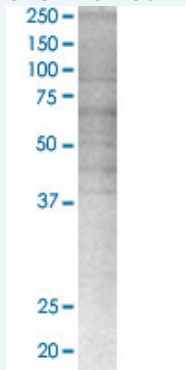
Plasmid: pCMV-CCNE1 full-length

Host: Human

Theoretical MW (kDa): 47.1

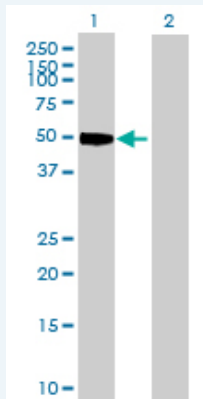
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CCNE1 antibody ([H00000898-D01P](#)) by Western Blots.

SDS-PAGE Gel



CCNE1 transfected lysate.

Western Blot



Lane 1: CCNE1 transfected lysate (47.10 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

Western Blot

Gene Information

Entrez GeneID: [898](#)

**GeneBank
Accession#:** [NM_001238](#)

**Protein
Accession#:** [NP_001229.1](#)

Gene Name: CCNE1

Gene Alias: CCNE

**Gene
Description:** cyclin E1

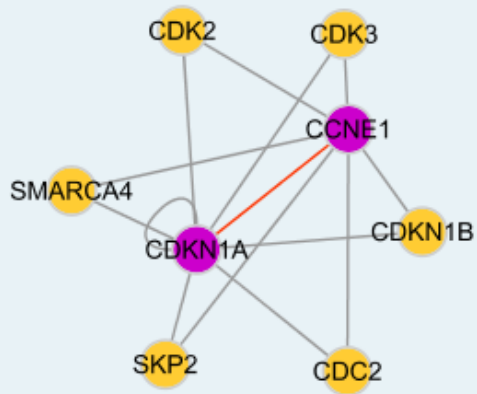
Omim ID: [123837](#)

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](#)

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