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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCND2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000894-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

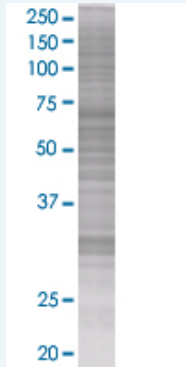
Plasmid: pCMV-CCND2 full-length

Host: Human

Theoretical MW (kDa): 31.9

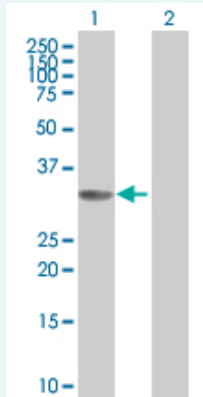
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CCND2 antibody (H00000894-B01) by Western Blots.

SDS-PAGE Gel



CCND2 transfected lysate.

Western Blot



Lane 1: CCND2 transfected lysate (31.9 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: [894](#)

GeneBank Accession#: [NM_001759](#)

Protein Accession#: [NP_001750](#)

Gene Name: CCND2

Gene Alias: KIAK0002,MGC102758

Gene Description: cyclin D2

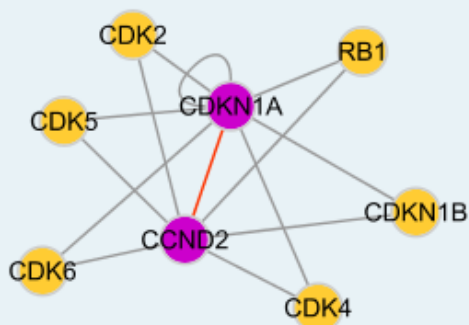
Omim ID: [123833](#)

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 CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation. High level expression of this gene was observed in ovarian and testicular tumors. [provided by RefSeq]

Other Designations: G1/S-specific cyclin D2

Interactome



Gene Pathway

[Cell cycle](#) [Focal adhesion](#) [Jak-STAT signaling pathway](#) [p53 signaling pathway](#)
[Wnt signaling pathway](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Hepatocellular](#) [Diabetes Mellitus, Type 2](#)
[Genetic Predisposition to Disease](#) [Hepatitis B](#) [Kidney Failure, Chronic](#) [Liver Neoplasms](#)
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