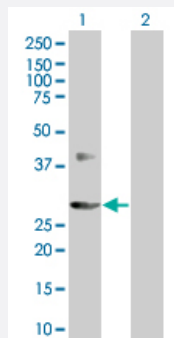


CCND3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000896-T01

Size 100 uL

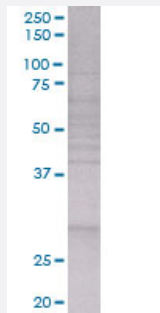
Applications



Western Blot

Lane 1: CCND3 transfected lysate (32.5 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

CCND3 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CCND3 full-length
Host	Human
Theoretical MW (kDa)	32.23
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CCND3 antibody (H00000896-B01) by Western Blots. Western Blot Lane 1: CCND3 transfected lysate (32.5 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel CCND3 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 — CCND3

Entrez GeneID	896
GeneBank Accession#	NM_001760
Protein Accession#	NP_001751
Gene Name	CCND3
Gene Alias	-
Gene Description	cyclin D3
Omim ID	123834
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. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	D3-type cyclin G1/S-specific cyclin D3 OTTHUMP00000016390
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Pathway

- [Cell cycle](#)

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

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cerebral Amyloid Angiopathy](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neuroblastoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)