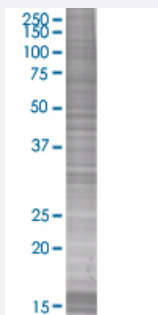


CDKN2D 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001032-T03

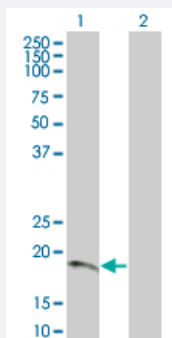
Size 100 uL

Applications



SDS-PAGE Gel

CDKN2D transfected lysate



Western Blot

Lane 1: CDKN2D transfected lysate (17.7 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CDKN2D full-length

Host Human

Theoretical MW (kDa) 17.7

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CDKN2D antibody ([H00001032-B02](#)) by Western Blots.
SDS-PAGE Gel
CDKN2D transfected lysate
Western Blot
Lane 1: CDKN2D transfected lysate (17.7 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 — CDKN2D

Entrez GeneID	1032
GeneBank Accession#	NM_001800
Protein Accession#	NP_001791
Gene Name	CDKN2D
Gene Alias	INK4D, p19, p19-INK4D
Gene Description	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)
Omim ID	600927
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq]</p>
Other Designations	CDK inhibitor p19INK4d cell cycle inhibitor, Nur77 associating protein cyclin-dependent kinase 4 inhibitor D p19 cyclin-dependent kinase inhibitor 2D inhibitor of cyclin-dependent kinase 4d

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)