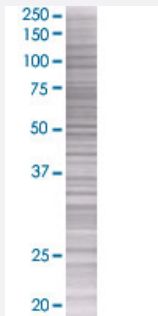


CDKN3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001033-T01

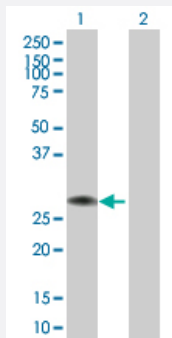
Size 100 uL

Applications



SDS-PAGE Gel

CDKN3 transfected lysate.



Western Blot

Lane 1: CDKN3 transfected lysate (23.43 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CDKN3 full-length
Host	Human
Theoretical MW (kDa)	23.43
Interspecies Antigen Sequence	Mouse (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CDKN3 antibody ([H00001033-B02](#)) by Western Blots.
SDS-PAGE Gel
CDKN3 transfected lysate.
Western Blot
Lane 1: CDKN3 transfected lysate (23.43 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 — CDKN3

Entrez GeneID

[1033](#)

GeneBank Accession#

[NM_005192](#)

Protein Accession#

[NP_005183](#)

Gene Name

CDKN3

Gene Alias

CDI1, CIP2, FLJ25787, KAP, KAP1, MGC70625

Gene Description

cyclin-dependent kinase inhibitor 3

Omim ID

[123832](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CDK2-associated dual specificity phosphatase|Cdk-associated protein phosphatase|cyclin-dependent kinase interacting protein 2|cyclin-dependent kinase interactor 1|kinase-associated phosphatase

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)