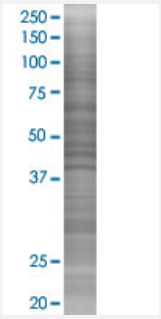
# NDUFV3 293T Cell Transient Overexpression Lysate(Denatured)

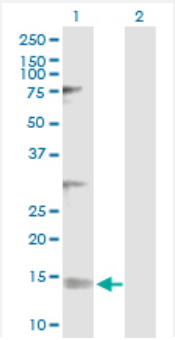
Catalog # H00004731-T02 Size 100 uL

## Applications




### SDS-PAGE Gel

NDUFV3 transfected lysate.




### Western Blot

Lane 1: NDUFV3 transfected lysate ( 11.90 KDa)
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Transfected Cell Line** | 293T |
| **Plasmid** | pCMV-NDUFV3 full-length |
| **Host** | Human |
| **Theoretical MW (kDa)** | 11.9 |
| **Interspecies Antigen Sequence** | Mouse (89); Rat (74) |

| | |
|---|---|
| **Quality Control Testing** | Transient overexpression cell lysate was tested with Anti-NDUFV3 antibody (H00004731-D01P) by Western Blots.<br>SDS-PAGE Gel<br>NDUFV3 transfected lysate.<br>Western Blot<br>Lane 1: NDUFV3 transfected lysate ( 11.90 KDa)<br>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 — NDUFV3

| | |
|---|---|
| **Entrez GeneID** | 4731 |
| **GeneBank Accession#** | NM_001001503.1 |
| **Protein Accession#** | NP_001001503.1 |
| **Gene Name** | NDUFV3 |
| **Gene Alias** | CI-9KD |
| **Gene Description** | NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa |
| **Omim ID** | 602184 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | NADH dehydrogenase (ubiquinone) flavoprotein 3 (10kD)\|NADH-ubiquinone oxidoreductase 9 kD subunit\|NADH-ubiquinone oxidoreductase flavoprotein 3\|NADH-ubiquinone oxidoreductase flavoprotein 3, 10kD\|complex I, mitochondrial respiratory chain, 10-kD subunit\|m |

## Pathway

- Metabolic pathways
- Oxidative phosphorylation

## Disease

- Alzheimer disease
- Cognition
- Genetic Predisposition to Disease
- Prostatic Neoplasms