



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## NDUFS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004719-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

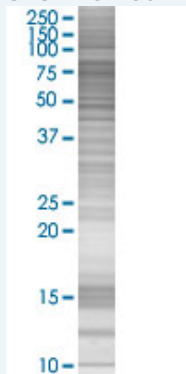
**Plasmid:** pCMV-NDUFS1 full-length

**Host:** Human

**Theoretical MW (kDa):** 79.5

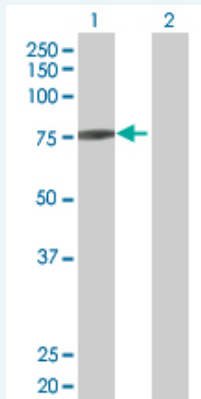
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-NDUFS1 antibody (H00004719-B01) by Western Blots.

#### SDS-PAGE Gel



NDUFS1 transfected lysate.

#### Western Blot



Lane 1: NDUFS1 transfected lysate ( 79.5 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: [4719](#)

GeneBank [NM\\_005006.5](#)  
Accession#:

Protein =  
Accession#:

Gene Name: [NDUFS1](#)

Gene Alias: [CI-75Kd](#),[MGC26839](#),[PRO1304](#)

Gene Description: [NADH dehydrogenase \(ubiquinone\) Fe-S protein 1, 75kDa \(NADH-coenzyme Q reductase\)](#)

Omim ID: [157655](#), [252010](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. [provided by RefSeq]

**Other Designations:** [NADH dehydrogenase \(ubiquinone\) Fe-S protein 1, 75kDa](#),[NADH-coenzyme Q reductase](#),[complex I](#), [mitochondrial respiratory chain](#), [75-kD subunit](#)

### Gene Pathway

[Alzheimer's disease](#) [Huntington's disease](#) [Metabolic pathways](#) [Oxidative phosphorylation](#) [Parkinson's disease](#)

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