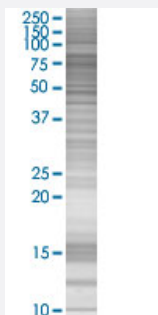


NDUFS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004719-T01

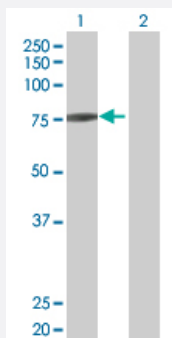
Size 100 uL

Applications



SDS-PAGE Gel

NDUFS1 transfected lysate.



Western Blot

Lane 1: NDUFS1 transfected lysate (79.5 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — NDUFS1

Entrez GeneID	4719
GeneBank Accession#	NM_005006.5
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	<p>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]</p>
Other Designations	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa NADH-coenzyme Q reductase complex I, mitochondrial respiratory chain, 75-kD subunit

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)