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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NDUFS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004720-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

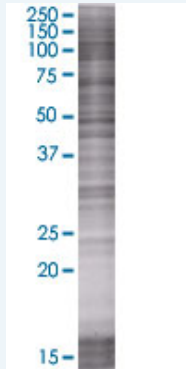
Plasmid: pCMV-NDUFS2 full-length

Host: Human

Theoretical MW (kDa): 51.04

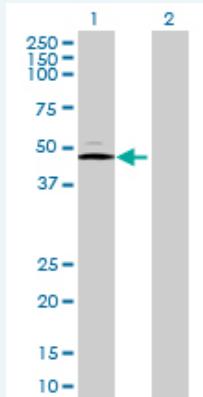
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-NDUFS2 antibody (H00004720-B01) by Western Blots.

SDS-PAGE Gel



NDUFS2 transfected lysate.

Western Blot



Lane 1: NDUFS2 transfected lysate (51.04 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [4720](#)

GeneBank [NM_004550.3](#)
Accession#:

Protein [NP_004541.1](#)
Accession#:

Gene Name: [NDUFS2](#)

Gene Alias: -

Gene Description: [NADH dehydrogenase \(ubiquinone\) Fe-S protein 2, 49kDa \(NADH-coenzyme Q reductase\)](#)

Omim ID: [252010](#), [602985](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Mitochondrial complex I (NADH-ubiquinone reductase; EC 1.6.5.3) is the first multimeric complex of the respiratory chain that catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mammalian mitochondrial complex I is an assembly of at least 43 different subunits. Seven of the subunits are encoded by the mitochondrial genome; the remainder are the products of nuclear genes. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits, including NDUFS2. See NDUFS1 (MIM 157655).[supplied by OMIM]

Other Designations: [NADH dehydrogenase \(ubiquinone\) Fe-S protein 2](#), [NADH-ubiquinone oxidoreductase Fe-S protein 2](#), [NADH-ubiquinone oxidoreductase NDUFS2 subunit](#), [OTTHUMP00000032241](#)

Gene Pathway

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

Related Disease

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