



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

NDUFA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004694-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

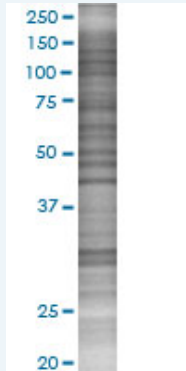
Plasmid: pCMV-NDUFA1 full-length

Host: Human

Theoretical MW (kDa): 8.1

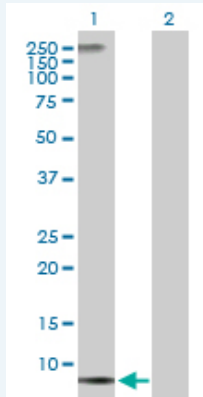
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-NDUFA1 antibody ([H00004694-D01P](#)) by Western Blots.

SDS-PAGE Gel



NDUFA1 transfected lysate.

Western Blot



Lane 1: NDUFA1 transfected lysate (8.10 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: [4694](#)

GeneBank Accession#: [NM_004541.2](#)

Protein Accession#: [AAH00266.1](#)

Gene Name: [NDUFA1](#)

Gene Alias: [CI-MWFE,MWFE,ZNF183](#)

Gene Description: [NADH dehydrogenase \(ubiquinone\) 1 alpha subcomplex, 1, 7.5kDa](#)

Omim ID: [252010, 300078](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH:ubiquinone oxidoreductase complex at the inner mitochondrial membrane. However, the NDUFA1 peptide is one of about 31 components of the "hydrophobic protein" (HP) fraction of complex I which is involved in proton translocation. Thus the NDUFA1 peptide may also participate in that function. [provided by RefSeq]

Other Designations: [NADH dehydrogenase \(ubiquinone\) 1 alpha subcomplex, 1,NADH dehydrogenase \(ubiquinone\) 1 alpha subcomplex, 1 \(7.5kD, MWFE\),NADH oxidoreductase subunit MWFE,NADH:ubiquinone oxidoreductase \(complex 1\),OTTHUMP00000023930,type I dehydrogenase](#)

Gene Pathway

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

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.