



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### NDUFS2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004720-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human NDUFS2 full-length ORF ( NP\_004541.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAALRALCGFRGVAAQVLRPGAGVRLPIQPSRGVRQ  
WQPDVEWAQQFGGAVMYPKETAHWKPPWWDVD  
PPKDTIVKNITLNFQHPAAHGVRLVMELSGEMVRK  
CDPHIGLLHRGTEKLIETYLYLQALPYFDRLDYVSMC  
NEQAYSLAVEKLLNIRPPPRAQWIRVLFGEITRLLNHIM  
AVTTHALDLGAMTPFFWLFEEREKMFYERVSGARM  
HAAYIRPGGVHQDLPLGLMDDIYQFSKNFSLRLELEE  
LLTNNRIWRNRTIDIGVVTAEALNYGFSGVMLRSGI  
QWDLRKTQPYDVYDQVEFDVPVGSRGDCYDRYLGRV  
EEMRQSLRIIAQCLNKMPGGEIKVDDAKVSPKRAEMK  
TSMESLIHFKLYTEGYQVPPGATYTAIEAPKGEFGVY  
LVSDGSSRPYRCKIKAPGFAHLAGLDKMSKGHMLADV  
VAIIGTQDIVFGEVDR

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 78.9

**Interspecies Antigen Sequence:** Mouse (92); Rat (92)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 4720

**Gene Symbol:** NDUFS2

**Gene Alias:** -

**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]