



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### SDHC (Human) Recombinant Protein (P01)

**Catalog Number:** H00006391-P01

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

**Product Description:** Human SDHC full-length ORF (AAH33626, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAALLLRHVGRHCLRAHFSPQLCIRNAVPLGTTAKEE  
MERFWNKNIGSNRPLSPHITIYSWSLPMAMSICHRGT  
GIALSAGVSLFGMSALLPGNFESYLELVKSLCLGPALI  
HTAKFALVFPLMYHTWNGIRHLMWDLGKGLKIPQLYQ  
SGVVVLVLTVLSSMGLAAM

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

**Theoretical MW (kDa):** 44.33

**Interspecies Antigen Sequence:** Mouse (80); Rat (82)

**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:** 6391

**Gene Symbol:** SDHC

**Gene Alias:** CYB560, CYBL, PGL3, QPS1, SDH3

**Gene Summary:** This gene encodes one of four nuclear-

encoded subunits that comprise succinate dehydrogenase, also known as mitochondrial complex II, a key enzyme complex of the tricarboxylic acid cycle and aerobic respiratory chains of mitochondria. The encoded protein is one of two integral membrane proteins that anchor other subunits of the complex, which form the catalytic core, to the inner mitochondrial membrane. Several related pseudogenes are located in different genomic regions. Mutations in this gene have been associated with paragangliomas. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]