



# 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

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## Datasheet

### SCO1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006341-P01

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

**Product Description:** Human SCO1 full-length ORF ( NP\_004580.1, 1 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MAMLVLPGRVMRPLGGQLWRFLPRGLEFWGPAEG
TARVLLRQFCARQAEAWRASGRPGYCLGTRPLSTAR
PPPPWSQKGGDSTRPSKPGPVSWKSLAITFAIGGAL
LAGMKHVKKEKAEKLEKERQRHIGKPLLGGPFSLTTH
GERKTDKDYLGQWLLIYFGFTHCPDVCPEELEKMIQV
VDEIDSITTLPLDLPLFISIDPERDTKEAIANYVKEFSPKL
VGLTGTREEVDQVARAYRVYSPGPKDEDEDYIVDHT
IIMYLIGPDGEFLDYFGQNKRKGEIAASIATHMRPYRKK
S
```

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

**Theoretical MW (kDa):** 60.2

**Interspecies Antigen Sequence:** Mouse (69); Rat (67)

**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:** 6341

**Gene Symbol:** SCO1

**Gene Alias:** SCOD1

**Gene Summary:** Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq]