



# 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

### SEC61A1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00029927-P01

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

**Product Description:** Human SEC61A1 full-length ORF (AAH02951.1, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSSDSADPFYWWRVILASNRGTLMELGISPIVTSGLIM  
QLLAGAKIIEVGDTPKDRALFNGAQKLFGMITIGQSIVY  
VMTGMYGDPSEMGAGICLLITIQLFVAGLIVLLDELQ  
KGYGLGSGISLFIATNICETIVWKAFSPTTVNTGRGMEF  
EGAIILFHLLATRDKVRALREAFYRQNLPLMNLTIATI  
FVFAVVIYFQGFRVDLPIKSARYRGQYNTYPIKLFYTSN  
IPIILQSALVSNLYVISQML SARFSGNLLV SLLGTWSDTS  
SGGPARAYPVGGLCYLSPPEFSGSVLEDPVHAVVYI  
VFMLGSCAFFSKTWIEVSGSSAKDVAKQLKEQQMVM  
RGHRETSMVHELNRYP TAAAFGGLCIGALSVLADFLG  
AIGSGTGILLAVTIYQYFEIFVKEQSEVGS MGALLF

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

**Theoretical MW (kDa):** 72.4

**Interspecies Antigen Sequence:** Mouse (100); Rat (100)

**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:** 29927

**Gene Symbol:** SEC61A1

**Gene Alias:** HSEC61, SEC61, SEC61A

**Gene Summary:** The protein encoded by this gene belongs to the SECY/SEC61- alpha family. It appears to play a crucial role in the insertion of secretory and membrane polypeptides into the endoplasmic reticulum. This protein found to be tightly associated with membrane-bound ribosomes, either directly or through adaptor proteins. This gene encodes an alpha subunit of the heteromeric SEC61 complex, which also contains beta and gamma subunits. [provided by RefSeq]