



# 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

### SC5DL (Human) Recombinant Protein (P01)

**Catalog Number:** H00006309-P01

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

**Product Description:** Human SC5DL full-length ORF ( NP\_001020127.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MDLVLRVADYYFFTPYVYPATWPEDDIFRQAISLLIVTN
VGAYILYFFCATLSYYFVFDHALMKHPQFLKNQVRREI
KFTVQALPWISILTVALFLLLEIRGYSKLHDDLGEFPYGL
FELVVSIIISFLFFTDMMFIYWIHRLHHLVYKRLHKPHHI
WKIPTPFASHAFHPIDGFLQSLPYHIYPIFPLHKVVYLS
LYILVNIWTISIHGDGFRVPQILQPFINGSAHHTDHHMFF
DYNYGQYFTLWDRIGGSFKNPSSFEGKGPLSYVKEMT
EGKRSSHSGNGCKNEKLFNGEFTKTE
```

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

**Theoretical MW (kDa):** 61.7

**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:** 6309

**Gene Symbol:** SC5DL

**Gene Alias:** ERG3, S5DES, SC5D

**Gene Summary:** This gene encodes an enzyme of cholesterol biosynthesis. The encoded protein catalyzes the conversion of lathosterol into 7-dehydrocholesterol. Mutations in this gene have been associated with lathosterolosis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]