



# 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

### SURF4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006836-P01

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

**Product Description:** Human SURF4 full-length ORF ( NP\_149351.1, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGQNDLMGTAEDFADQFLRVTKQYLPHVARLCLISTF  
LEDGIRMWFQWSEQRDYIDTTWNCGYLLASSFVFLNL  
LGQLTGCVLVLSRNFVQYACFGLFGIILQTIAYSILWD  
LKFLMRNLALGGGLLLLAESRSEGKSMFAGVPTMRE  
SSPKQYMQLGGRVLLVLMFMTLLHFDASFFSIVQNIVG  
TALMILVAIGFKTKLAALTLVVWLFAINVYFNAFWTIPVY  
KPMHDFLKYDFFQTMVIGGLLLVVALGPGGVSMDEK  
KKEW

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

**Theoretical MW (kDa):** 56.8

**Interspecies Antigen Sequence:** Mouse (99); Rat (99)

**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:** 6836

**Gene Symbol:** SURF4

**Gene Alias:** ERV29, FLJ22993, MGC102753

**Gene Summary:** This gene is located in the surfet gene cluster, which is comprised of very tightly linked housekeeping genes that do not share sequence similarity. The encoded protein is a conserved integral membrane protein containing multiple putative transmembrane regions. In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). The specific function of this protein has not been determined but its yeast homolog is directly required for packaging glycosylated pro-alpha-factor into COPII vesicles. This gene uses multiple polyadenylation sites, resulting in transcript length variation. The existence of alternatively spliced transcript variants has been suggested, but their validity has not been determined. [provided by RefSeq]