



# 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

### RPS6KB1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006198-P01

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

**Product Description:** Human RPS6KB1 full-length ORF ( NP\_003152.1, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRRRRRRDGFYPAPDFRDREAEDMAGVFDIDLQPE  
DAGSEDELEEGQLNESMDHGGVGPYELGMEHCEK  
FEISETSVNRGPEKIRPECFELLRVLGKGGYGKVFQVR  
KVTGANTGKIFAMKVLKAMIVRNAKDTAHTKAERNIL  
EEVKHPFIVDLIYAFQTGGKLYLILEYLSGGELFMQLER  
EGIFMEDTACFYLAEISMLGHLHQKGIYRDLKPENIM  
LNHQGHVKLTDFGLCKESIHDGTVTHTFCGTIEYMAPE  
ILMRSGHNRAVDWWSLALMYDMLTGAPPFTGENRK  
KTIDKILKCKLNLPPYLTQEARDLLKLLKRNAASRLGA  
GPGDAGEVQAHPFFRHINWEELLARKVEPPFKPLLQS  
EEDVSQFDSKFTRQTPVDSRDDSTLSEANQVFLGFT  
YVAPSVLESVKEKFSFEPKIRSPRRFIGSPRTPVSPVKF  
SPGDFWGRGASASTANPQTPVEYPMETSGIEQMDVT  
MSGEASAPLPIRQPNSGPYKKQAFPMISKRPEHLRMN  
L

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

**Theoretical MW (kDa):** 85.5

**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:** 6198

**Gene Symbol:** RPS6KB1

**Gene Alias:** PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-S6K, p70-alpha

**Gene Summary:** This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. [provided by RefSeq]