



# 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

### RPS5 (Human) Recombinant Protein (P02)

**Catalog Number:** H00006193-P02

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

**Product Description:** Human RPS5 full-length ORF (AAH18151, 1 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTEWETAAPAVAETPDIKLFGKWSTDDVQINDISLQDY  
IAVKEYAKYLPHSAGRYAAKRFRKAQCPIVERLTNSM  
MMHGRNNGKKLMTVRIVKHAFEIIHLLTGENPLQVLVN  
AIINSGPREDSTRIGRAGTVRRQAVDVSPLRRVQNQAIW  
LLCTGAREAAFRNIKTIAECLADELINAAGSSNSYAIKK  
KDELERVAKSNR

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

**Theoretical MW (kDa):** 48.18

**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:** 6193

**Gene Symbol:** RPS5

**Gene Alias:** -

**Gene Summary:** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S7P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]