



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### RPL10 (Human) Recombinant Protein (P02)

**Catalog Number:** H00006134-P02

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

**Product Description:** Human RPL10 full-length ORF ( NP\_006004.1, 1 a.a. - 214 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGRRPARCYRYCKNKPYPKSRFCRGVPAKIRIFDLG  
RKKAKVDEFPLCGHMVSDEYEQLSSEALEAARICANK  
YMKVSCGKDGFFHIRVRLHPPFHVIRINKMLSCAGADRLQ  
TGMRGAFGKPGQTVARVHIGQVIMSIRTKLQNKHEHVIE  
ALRRAKFKFPGRQKIHISKKWGFTKFNADFEDMVAE  
KRLIPDGCYKIPSRGPLDKWRALHS

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

**Theoretical MW (kDa):** 51

**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:** 6134

**Gene Symbol:** RPL10

**Gene Alias:** DKFZp686J1851, DXS648, DXS648E, FLJ23544, FLJ27072, NOV, QM

**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 60S subunit. The protein belongs to the L10E family of ribosomal proteins. It is located in the cytoplasm. In vitro studies have shown that the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation, but these activities have not been demonstrated in vivo. This gene was initially identified as a candidate for a Wilms tumor suppressor gene, but later studies determined that this gene is not involved in the suppression of Wilms tumor. This gene has been referred to as 'laminin receptor homolog' because a chimeric transcript consisting of sequence from this gene and sequence from the laminin receptor gene was isolated; however, it is not believed that this gene encodes a laminin receptor. Transcript variants utilizing alternative polyA signals exist. The variant with the longest 3' UTR overlaps the deoxyribonuclease I-like 1 gene on the opposite strand. This gene is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]