



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### RPLP0 (Human) Recombinant Protein (P03)

**Catalog Number:** H00006175-P03

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

**Product Description:** Human RPLP0 full-length ORF (AAH15173, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPREDRATWKSNYFLKIIQLLDDYPKCFIVGADNVGSK  
MQQIRMSLRGKAVVLMGKNTMMRKAIRGHLENNPA  
LEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARA  
GAIAPCEVTVPAQNTGLGPEKTSFFQALGITTISRGTI  
EILSDVQLIKTGDKVGASEATLLNMLNISPFSGFLVIQQ  
VFDNGSIYNPEVLDITEETLHSRFLGVRNVASVCLQIG  
YPTVASVPHSIINGYKRVLALSVDYTFPLAEKVKAFI  
ADPSAFVAAAPVAAATTAAPAAAAAPAKVEAKEESE  
SDEDMGFGLFD

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

**Theoretical MW (kDa):** 60.61

**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:** 6175

**Gene Symbol:** RPLP0

**Gene Alias:** L10E, MGC111226, MGC88175, P0,

PRLP0, RPP0

**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, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]