



# 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

### LEP (Human) Recombinant Protein (P01)

**Catalog Number:** H00003952-P01

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

**Product Description:** Human LEP full-length ORF (AAH60830.1, 22 a.a. - 167 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

VPIQKVQDDTKLIKTIVTRINDISHTQSVSSKQKVTGLD  
FIPGLHPILTLSKMDQTLAVYQQILTSMPSRNVIQISNDL  
ENLRDLLHVLAFSKSchLPWASGLETLDLGGVLEAS  
GYSTEVVALSRLQGS LQDMLWQLDLSPGC

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

**Theoretical MW (kDa):** 41.8

**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:** 3952

**Gene Symbol:** LEP

**Gene Alias:** FLJ94114, OB, OBS

**Gene Summary:** This gene encodes a protein that is secreted by white adipocytes, and which plays a major role in the regulation of body weight. This protein, which acts through the leptin receptor, functions as part of a

signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This gene has also been linked to type 2 diabetes mellitus development. [provided by RefSeq]