



# 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

been linked to type 2 diabetes mellitus development.  
[provided by RefSeq]

**Catalog Number:** P8875

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

**Product Description:** Human LEP (P41159)  
recombinant protein with Ala at

**Host:** Escherichia coli

**Theoretical MW (kDa):** 16

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 98% by Gel filtration analysis and SDS PAGE

**Storage Buffer:** Lyophilized from 0.0045mM NaHCO<sub>3</sub>.

**Storage Instruction:** Store, frozen at -20°C for longer  
periods of time.

For long term storage it is recommended to add a carrier  
protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

**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