



SZABO SCANDIC

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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

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Datasheet

LEP (Human) Recombinant protein

Catalog Number: P8867

Regulation Status: For research use only (RUO)

Product Description: Human LEP (P41159)
recombinant protein expressed in *Escherichia Coli*.

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: > 95% by SDS-PAGE.
> 95% by SEC-HPLC.

Activity: Biological Activity is evidenced by inducing
proliferation of BAF/3 cells stably transfected with the
long form of human leptin receptor.

Storage Buffer: Lyophilized from 0.0045mM NaHCO₃

Storage Instruction: Lyophilized although stable at
room temperature for 3 weeks. should be stored
desiccated below -20°C. Upon reconstitution should be
stored at 4°C between 2-7 days and for future use below
-20°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]