

Leptin, rat recombinant protein

OB Protein, Obesity Protein, OBS, Obesity factor. Catalog # PBV10253r

Specification

Leptin, rat recombinant protein - Product info

Primary Accession P50596

Calculated MW 16.2 kDa KDa

Leptin, rat recombinant protein - Additional Info

Gene ID 25608
Gene Symbol LEP

Other Names

OB Protein, Obesity Protein, OBS, Obesity factor.

Gene Source Rat
Source E. coli

Assay&Purity SDS-PAGE; ≥95% Assay2&Purity2 HPLC; ≥95%

Recombinant Yes

Results 0.35-0.06 ng/ml

Target/Specificity

Leptin

Application Notes

Reconstitute in H_2O to a concentration of 0.1–1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for three months. For long-term storage it is recommended to add a carrier protein (0.1% HAS or BSA).

Format

Lyophilized protein

Storage

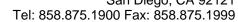
-20°C; Lyophilized from 4.5 μM NaHCO₃.

Leptin, rat recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture







Leptin, rat recombinant protein - Images

Leptin, rat recombinant protein - Background

Leptin (Anti-Obesity Protein) is the protein product of the ob (obese) gene in mice and seems to be involved in appetite control. The ob gene is expressed in adipose tissue and is thought to regulate the body's fat stores. Mice with the ob/ob genotype also develop a form of diabetes similar to type II (non-insulin dependent) diabetes. Rat Leptin is a 16.2 kDa protein containing 147 amino acid residues.