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Leptin Human Recombinant, expressed in E.coli

产品货号: TP02802

第三版

别名:LEP, OB, OBS, Obesity factor

描述:Human leptin is a 16-kDa nonglycosylated hormone that is produced in mature adipocytes. Leptin acts primarily in the hypothalamus to reduce food intake and body weight. In ob/ob mice, the gene encoding leptin is mutated, resulting in morbid obesity and associated abnormalities, including hyperphagia, hypothermia, diabetes and infertility. The function of leptin in regulating appetite and metabolism, as well as the possibility of using leptin as a therapeutic agent, are currently under intense investigation.

配方:Liquid. In Phosphate buffered saline (pH 7.4)

分子量:16 kDa (147 aa), confirmed by MALDI-TOF

序列:

MVPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQKVTGLDFIPGLHPILTLSKMDQTLAVYQQILTSMPSRNVIQISNDLEN
LRDLLHVLAFSKLSCHLPWASGLETLDSLGGVLEASGYSTEVVALSRLQGSQDMLWQLDLSPGC

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.