9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1560: pLeptin Recombinant Protein

Alternative Name : OB Protein,Obesity Protein,OBS,Obesity factor.

Description

Source : Escherichia Coli. Leptin Porcine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 146 amino acids and additional Ala at N-terminus, having a molecular mass of 16kDa. The Leptin is purified by proprietary chromatographic techniques. A 16-kDa peptide hormone secreted from white adipocytes and implicated in the regulation of food intake and energy balance. Leptin provides the key afferent signal from fat cells in the feedback system that controls body fat stores.

Product Info

Amount :	100 µg
Purification :	Greater than 98.0% as determined by:(a) Gel filtration analysis.(b) Analysis by SDS-PAGE.
Content :	The protein was lyophilized from a concentrated (1mg/ml) solution with 0.02% NaHCO3.
Storage condition :	Lyophilized Leptin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Leptin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Trp.

Application Note

It is recommended to reconstitute the lyophilized recombinant porcine leptin in sterile 0.4% NaHCO3 adjusted, not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions. Biological active as evidenced by inducing proliferation of BAF/3 cells stably transfected with the long form of human leptin receptor.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.