www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Leptin Ovine, MTS

Catalog #:CYPS-538

For research use only.

Description: Leptin Ovine MTS tagged Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 157 amino acids and having a molecular mass of 17.5 kDa.The Leptin is purified by proprietary chromatographic techniques. The membrane translocating sequence Tag is composed of 10 amino acids Val-Leu-Leu-Pro-Val-Leu-Leu-Ala-Ala-Pro located at the N-terminus.

Synonyms:OB Protein, Obesity Protein, OBS, Obesity factor.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Arg.

Purity: Greater than 98.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.

Formulation:
The protein was lyophilized from a concentrated (1mg/ml) solution with 0.02% NaHCO3.

Stability:
Lyophilized Leptin Ovine MTS tagged althoμgh 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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized Leptin in sterile 0.02% NaHCO3 not less than 100

Introduction:
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.

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

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE