

Leptin Human

Description: Leptin Human produced synthetically contains 35 amino acids (22-56 a.a.) having a molecular mass of 3950.6 Dalton.

Catalog #: CYPs-690

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

For research use only.

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

Amino Acid Sequence:

Val-Pro-Ile-Gln-Lys-Val-Gln-Asp-Asp-Thr-Lys-Thr-Leu-Ile-Lys-Thr-Ile-Val-Thr-Arg-Ile-Asn-Asp-Ile-Ser-His-Thr-Gln-Ser-Val-Ser-Ser-Lys-Gln-Lys.

Purity: Greater than 95.0% as determined by RP-HPLC.

Formulation:

The protein was lyophilized from a concentrated (1mg/ml) solution with no additives.

Stability:

Lyophilized Leptin although stable at room temperature, should be stored desiccated below -20°C. Reconstituted Leptin is best stored refrigerated at 4°C.

Usage:

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

Solubility:

The lyophilized Leptin is very soluble in water and most aqueous buffers below and above the isoelectric point.

Introduction:

A 16kDa 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.

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