9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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Leptin Human

Human Leptin
GRF0204

Product Overview

Name	Leptin Human
Description	
Human Leptin	
Accession (Primary)	P41159
Synonyms	
OB Protein, Obesity Protein, OBS, Obesity factor, Leptin.	
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.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
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.	
Purity	
Greater than 95.0% as determined by RP-HPLC.	
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.	
Solubility	
The lyophilized Leptin is very soluble in water and most aqueous buffers below and above the isoelectric point.	
Precautions	
Leptin Human is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P41159)

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