9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Leptin Human, His

Leptin Human Recombinant, His Tag
GRF0205

Product Overview

Name	Leptin Human, His
Description	
Leptin Human Recombinant, His Tag	
Accession (Primary)	P41159
Synonyms	
OB Protein, Obesity Protein, OBS, Obesity factor.	
Introduction	
Leptin is a protein hormone with important effects in regulating body weight, metabolism and reproductive function. The protein is approximately~16 kDa in mass and encoded by the obese (ob)gene. leptin is expressed predominantly by adipocytes, which fits with the idea that body weight is sensed as the total mass of fat in the body. Smaller amounts of leptin are also secreted by cellsin the epithelium of the stomach and in the placenta. Leptin receptors are highly expressed in areas of the hypothalamus known to be important in regulating body weight, as well as in T lymphocytes and vascular endothelial cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein was lyophilized from a concentrated (1mg/ml) solution with 1X PBS, 0.1% SDS and 1mM DTT.	
Stability	
Lyophilized Leptin although stable at room temperature, should be stored desiccated below 0°C. Reconstituted Leptin is best stored refrigerated at 4°C. Please avoid freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Solubility	
The lyophilized Leptin is very soluble in water and most aqueous buffers below and above the isoelectric point.	
Precautions	
Leptin Human, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P41159)