

## Human Leptin

<b>Item Number</b>	rAP-2360
<b>Synonyms</b>	OB Protein, Obesity Protein, OBS, Obesity factor, Leptin.
<b>Description</b>	Leptin Human produced synthetically contains 35 amino acids (22-56 a.a.) having a molecular mass of 3950.6 Dalton.
<b>Uniprot Accession Number</b>	P41159
<b>Amino Acid Sequence</b>	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.
<b>Source</b>	
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Leptin although stable at room temperature, should be stored desiccated below -20°C. Reconstituted Leptin is best stored refrigerated at 4°C.
<b>Formulation and Purity</b>	The protein was lyophilized from a concentrated (1mg/ml) solution with no additives. Greater than 95.0% as determined by RP-HPLC.
<b>Application</b>	
<b>Solubility</b>	The lyophilized Leptin is very soluble in water and most aqueous buffers below and above the isoelectric point.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**