

RPCB0242

Product Information

Product SKU:	RPCB0242	Gene ID:	3952	Size:	50µg
Tag:	No tag	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	P41159
Purity:	> 92% by SDS-PAGE.		

Protein Information

Background: Leptin is one of the most important hormones secreted by white adipocytes, and which plays a major role in the regulation of body weight. This protein, which acts through the leptin receptor, functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this protein and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This protein has also been linked to type 2 diabetes mellitus development.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Leptin/LEP Protein , tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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