

Recombinant Human Leptin protein(LEP) (Active)

Catalog No: #AP73517

Package Size: #AP73517-1 200ug #AP73517-2 1mg

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Description

Product Name	Recombinant Human Leptin protein(LEP) (Active)
Brief Description	Recombinant Protein
Purification	>97% as determined by SDS-PAGE and HPLC.
Immunogen Description	Expression Region:22-167aaSequence Info:Full Length of Mature Protein
Other Names	Obese protein,
Accession No.	P41159
Uniprot	P41159
GeneID	3952;
Calculated MW	16.0 kDa
Tag Info	NO-tagged
Target Sequence	VPIQKVQDDT KTLIKTIVTR INDISHTQSV SSKQKVTGLD FIPGLHPILT LSKMDQTLAV YQQILTSMPS RNVIQISNDL ENLRDLLHVL AFSK SCHLPW ASGLETDSL GGVLEASGYS TEVVALSRLQ GSLQDMLWQL DLSPGC
Formulation	Lyophilized from a 0.2 Ξ Om filtered concentrated solution in 50 mm PB, pH 3.5, with 0.02 % Tween-20.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

May function as part of a signaling pathway that acts to regulate the size of the body fat depot. An increase in the level of LEP may act directly or indirectly on the CNS to inhibit food intake and,or regulate energy expenditure as part of a homeostatic mechanism to maintain constancy of the adipose mass.

References

PubMed ID: 7984236; 7789654; 8626726; 7499240; 8621021; 15489334; 10428856; 9166907; 9144295; 9500540

Research Topic:Signal Transduction

Note: This product is for in vitro research use only