

## Leptin (22-56), Human

Catalog #	Source	Reactivity	Applications
CCP1282	Synthetic		
<b>Description</b>	Peptide to Leptin (22-56), Human		
<b>Biological Description</b>	After central administration of this leptin fragment by feeding in the rat inhibition of food intake was observed. Leptin (22-56) depolarized rat hypothalamic paraventricular nucleus neurons. This leptin fragment was shown to enhance the proliferative act		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	183598-56-3		
<b>Molecular Formula</b>	C171H298N50O56		
<b>Molecular Weight</b>	3950.6		
<b>Purity</b>	> 95%		
<b>Chemical Structure</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>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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