

DATASHEET

Version: 2016-08-18

Leptin (22-56), human**Cat. No.:** RP10702-0.5**Size:** 0.5 mg**Description:**

Leptin (22-56), a biological active fragment of Leptin, may have important physiological significance for the anorexia, hypogonadism, and anaemia commonly seen in HD patients.

Leptin (22-56), at concentrations of 10^{-7} and 10^{-6} M, enhance the proliferative activity of both the normal myometrium and myoma cells in primary culture.

Sequence (one-letter code):

VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQK

Sequence (three-letter code):

{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}

Solubility: Insoluble in water. Dissolve peptide with small amount of 60% Acetonitrile with 0.1% TFA solution - followed with water or desired buffer.

Formula: $C_{171}H_{298}N_{50}O_{56}$ **Molecular Weight:** 3,950.52**Purity:** > 95%**Storage:**

Store at -20°C

Note: ICV injection (500 ng) reduces food intake in rats.

*For Non-Clinical Research Use Only *

