

# Chicken Leptin Receptor Recombinant Protein



RPPB0733

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## Product Information    Protein Information

**Product SKU:**

RPPB0733

**Host:**

Escherichia Coli.

**Protein description:**

Leptin Binding Domain Chicken Recombinant also called Leptin Receptor produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 208 amino acids and having a molecular mass of 24.5 kDa. Chicken Leptin Receptor consists of the cytokine binding domain of leptin receptor amino acids 420-626 of chicken leptin receptor. The Leptin Binding Domain is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution at a concentration of 0.4 mg/ml.

**Synonyms:**

OB Protein, Obesity Protein, OBS, Obesity factor, Leptin Receptor.

**Formulation:**

The protein was filter sterilized and stored at 4°C (0.2 to 0.5 mg/ml) solution of Tris-HCl buffer, pH 9.0 with 150mM NaCl.

**Purity:**

Greater than 99.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.

**Stability:**

Sterile solutions at 0.5mg/ml or less are stable at 4°C for several months.

**Amino Acid Sequence:**

The sequence of the first six N-terminal amino acids was determined and was found to be Ala-Ile-Asp-Val-Asn-Ile Biological Activity Biological Activity is evidenced by high affinity binding of mammalian leptins at 1:1 molar ratio.