

Leptin Receptor Chicken Recombinant

Item Number	rAP-2353
Synonyms	OB Protein, Obesity Protein, OBS, Obesity factor, Leptin Receptor.
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
Uniprot Accession Number	
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.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution at a concentration of 0.4 mg/ml. Sterile solutions at 0.5mg/ml or less are stable at 4°C for several months.
Formulation and Purity	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. Greater than 99.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**