

32-17880: Recombinant Human PRLR Protein, hFc Tag

Uniprot ID : P16471

Alternative Name : Prolactin receptor, PRL-R

Description

Molecular Characterization: PRLR(Gln25-Asp234) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 50.5 kDa after removal of the signal peptide. The apparent molecular mass of PRLR-hFc is approximately 55-70 kDa due to glycosylation.

Description: Recombinant human PRLR protein with C-terminal human Fc tag

This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.