

PRODUCT INFORMATION

Target PRLR

Synonyms Prolactin receptor; PRL-R

Recombinant human PRLR protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P16471 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

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

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 **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

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. [provided by RefSeq,

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Research use only Usage

Conjugate Unconjugated





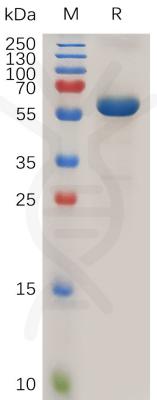


Figure 1. Human PRLR Protein, hFc Tag on SDS-PAGE under reducing condition.

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