

PRODUCT INFORMATION

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| Target | PRLR |
| Synonyms | Prolactin receptor;PRL-R |
| Description | Recombinant human PRLR protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P16471 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| 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. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | 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. |
| Background | 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, Feb 2011] |
| Usage | Research use only |
| Conjugate | Unconjugated |





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

