

## PRODUCT INFORMATION

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| <b>Target</b>                           | PRLR   |
| <b>Synonyms</b>                         | HPRL; MFAB; hPRLrI; RI-PRLR  |
| <b>Description</b>                      | Recombinant human PRLR Protein with C-terminal 10×His tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P16471   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-10×His tag   |
| <b>Molecular Characterization</b>       | PRLR(Gln25-Asp234) 10×His tag  |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 25.8 kDa after removal of the signal peptide. The apparent molecular mass of PRLR-His is approximately 25-35 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Formulation &amp; Reconstitution</b> | 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.  |
| <b>Storage &amp; Shipping</b>           | 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.  |
| <b>Background</b>                       | 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] |
| <b>Usage</b>                            | Research use only  |



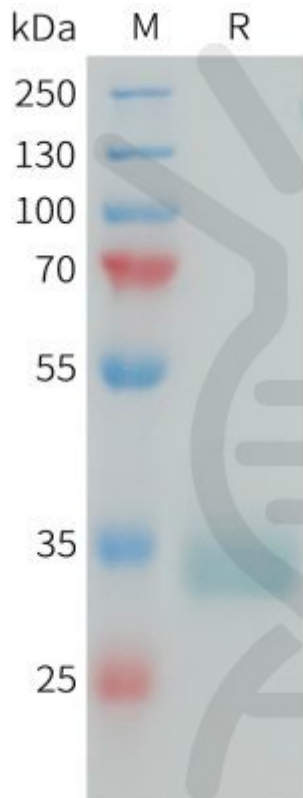


Figure 1. Human PRLR Protein, His Tag on SDS-PAGE under reducing condition.

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