

## 32-18367: Human PRLR Protein, His Tag

**Uniprot ID :** P16471

**Alternative Name :** HPRL; MFAB; hPRLrI; RI-PRLR

### Description

**Description :** Recombinant human PRLR Protein with C-terminal 10 $\text{\AA}$ —His tag

**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.

**Molecular Characterization:** 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.

**Tag :** C-10 $\text{\AA}$ —His tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**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.

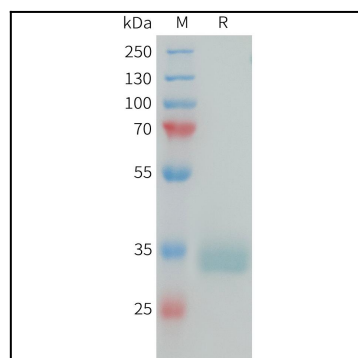


Figure 1. Human PRLR Protein, His Tag on SDS-PAGE under reducing condition.