

PRODUCT INFORMATION

PRL **Target Synonyms** GHA1

Recombinant human PRL Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P01236 **HEK293 Expression Host**

Tag C-Human Fc tag

Molecular

Purity

Background

PRL(Leu29-Cys227) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

49.0 kDa after removal of the signal peptide. The apparent molecular mass of PRL-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results

in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

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Usage Research use only

Conjugate Unconjugated

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

