

PRL

Recombinant Human Prolactin

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| Catalog No. | CRP001A CRP001B CRP001C | Quantity: | 10 µg 50 µg 1.0 mg |
| Alternate Names: | Mamotropin, Luteotropic hormone, Luteotropin | | |
| Description: | Recombinant Human Prolactin is a single, non-glycosylated polypeptide chain containing 200 amino acids. | | |
| Source: | <i>E. coli</i> | | |
| Formulation: | Lyophilized from sterile filtered solution containing 10 mM Sodium Phosphate buffer, pH 8.0 + 50 mM NaCl. | | |
| Purity: | >95.0% by SEC-HPLC and SDS-PAGE. | | |
| Endotoxin Level: | <0.1 ng/µg (1 EU/µg) of protein. | | |
| Biological Activity: | The ED ₅₀ as determined by the dose-dependant stimulation of the proliferation of rat lymphoma, Nb2-11 was found to be < 0.065 ng/ml. | | |
| Reconstitution: | Centrifuge vial prior to opening. Add sterile water to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions. | | |
| Storage & Stability: | Lyophilized product is stable at room temperature for up to three weeks. On receipt, store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein such as 0.1% HSA or BSA as a stabilizer. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles. | | |

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