

PRODUCT DATA SHEET

Prolactin Human E. coli

Cat. No.: RP1762670010

Size: 10 µg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Lactotropin, PRL, Luteotropic hormone, Lactogenic hormone, Lactogen, HPRL

Description:

Prolactin Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 200 amino acids and having a molecular mass of 23007 Dalton. The Prolactin is purified by proprietary chromatographic techniques.

Amino Acid Sequence:

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Leu-Pro-Ile-Cys

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

The protein was lyophilized from a concentrated (1 mg/ml) solution with 10 mM sodium Phosphate buffer pH=8 and 50 mM NaCl.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Lyophilized Prolactin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Prolactin should be stored at 4°C between 2–7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.