

## Prolactin Human, His

**Description:** Prolactin-His Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 199 amino acids fragment (29-227) and having a molecular mass of 23 kDa with an amino-terminal hexahistidine tag. The Prolactin is purified by proprietary chromatographic techniques.

**Catalog #:** CYP5-500

For research use only.

**Synonyms:** Mamotropin, Luteotropic hormone, Luteotropin, PRL.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

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

**Formulation:**

Prolactin His is supplied in 1x PBS and 50% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Prolactin is a neuroendocrine hormone synthesized primarily by the pituitary gland but also a variety of other cell types including the placenta, brain and uterus. Its primary function is to promote and maintain lactation but has also been shown to have a role in breast cancer development, regulation of reproductive function and immunoregulation.

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