

## Recombinant Equine Prolactin (PRL), N-His

Cat. No.: AP7F57

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Equine Prolactin (PRL), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 26.7 kDa. The purity is greater than 95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

### Specifications

Type	Recombinant Protein
Species	Equine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	26.7 kDa
Molecular Weight	27 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

### Target Information

Prolactin is encoded by the *PRL* gene in horses. The secretion of prolactin in horses is affected by season, thyrotropin-releasing hormone, dopaminergic and antidopaminergic agents, exercise and stressful stimuli, meal feeding, estrogen treatment, and antiopioid ergic agents.

Protein	Equine Prolactin (PRL)
Protein Synonym	prolactin; GHA1; growth hormone A1; preprolactin
Gene ID	<a href="#">100034034</a>
UniProt ID	<a href="#">P12420</a>

### Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

---

## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

---

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.