

Prolactin, rat recombinant protein**Mammothropin, Luterotropic hormone, Lutetropin, Prlr, PRL, luteotropic hormone, LTH, PRLR, PRL-R, PRL****Catalog # PBV10354r****Specification**

Prolactin, rat recombinant protein - Product info

Primary Accession [P01237](#)
Calculated MW **22.5 kDa KDa**

Prolactin, rat recombinant protein - Additional Info

Gene ID **24683**
Gene Symbol **PRL**

Other Names

Mammothropin, Luterotropic hormone, Lutetropin, Prlr, PRL, luteotropic hormone, LTH, PRLR, PRL-R, PRL R

Gene Source **Rat**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC; ≥95%**
Recombinant **Yes**
Results **0.1-1.0 ng/ml**

Application Notes

Reconstitute in H₂O to a concentration of 1.0 mg/ml. This solution can then be diluted into other aqueous buffers

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from 10 mM Sodium Phosphate, pH 8.0 + 50 mM NaCl.

Prolactin, rat recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prolactin, rat recombinant protein - Images

Prolactin, rat recombinant protein - Background

Prolactin (also known as mammotrophin, luterotropic hormone, and lutetropin) is a neuroendocrine hormone secreted by the pituitary gland. Its primary function is to promote and maintain lactation during pregnancy and suckling. In addition, Prolactin plays an immune-regulatory role by stimulating the activities of ornithine decarboxylase and protein kinase C, which are important for the proliferation, differentiation, and function of lymphocytes. Recombinant murine Prolactin is a 22.5 kDa globular protein containing 198 amino acid residues.

Prolactin, rat recombinant protein - References

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