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Prolactin, rat recombinant protein

Mammotropin, 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
Mammotropin, 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 H_2O 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 Cytomety
- Cell Culture

Prolactin, rat recombinant protein - Images

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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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