

## 32-20354: Recombinant Human Prolactin(Discontinued)

**Reactivity :** Human, Rat  
**Alternative Name :** Mamotropin, Luterotropic hormone, Lutetropin

### Description

#### Source:E.coli

Prolactin 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 immunoregulatory role by stimulating the activities of ornithine decarboxylase and protein kinase C, which are important for the proliferation, differentiation, and function of lymphocytes. Recombinant Human Prolactin is a 23.0 kDa globular protein containing 200 amino acid residues.

### Product Info

**Amount :** 10 µg / 50 µg  
**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** MLPICGGAA RCQVTLRDLF DRAVVLSHYI HNLSEMSE FDKRYTHGRG FITKAINSCH TSSLATPEDK  
EQAQQMNQKD FLNLIVSILR SWNEPLYHLV TEVRGMQEAP EAILSKAWEI EEQTKRLLEG MELIVSQVHP  
ETKENEIYPV WSGLPQLQMA DEESRLSAYY NLLHCLRRDS HKIDNYLKLK KCRHHNNNC

### Application Note

Determined by its ability to induce the proliferation of rat Nb2-11 cells in the concentration range of 0.1-1.0 ng/ml.