

32-20356: Recombinant Rat Prolactin(Discontinued)

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 Rat Prolactin is a 22.6 kDa globular protein containing 198 amino acid residues.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity: \geq 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MLPVCSGGDC QTPLPELFDV VVMLSHYIHT LYTDMFIEFD KQYVQDREFI AKAINDCPTS SLATPEDKEQ
AQKVPPEVLL NLILSLVHSW NDPLFQLITG LGGIHEAPDA IISRAKEIEE QNKRLLLEGIE KIISQAYPEA
KGNEIYLVWS QLPSLQGVDE ESKDLAFYNN IRCLRRDSHK VDNYLKFLRC QIVHKNNC

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.