

## Recombinant human Prolactin protein (Active, CHO)

Catalog Number: bs-48092P

Species: Human

AA Seq: 29-227/227

Predicted MW: 22.9

Tags: Tag free

Activity: Yes

Endotoxin:  $\leq 10$  EU/mg

Purity:  $\geq 95\%$  as determined by SDS-PAGE.

Purification: AC

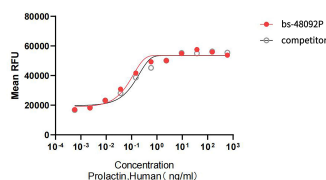
Form: Lyophilized

Storage: Lyophilized from a 0.2 $\mu$ m filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH7.4

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution.

**Background:** This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011].

### VALIDATION IMAGES



Measured by its ability to induce the proliferation of rat Nb2-11 cells. The ED50 for this effect is  $\leq 0.1$  ng/ml.