

Recombinant Human Prolactin

Cat. No.:MGC077 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Prolactin(Leu29-Cys227) Accession # P01236
Predicted molecular mass	22.9kDa

Specification:

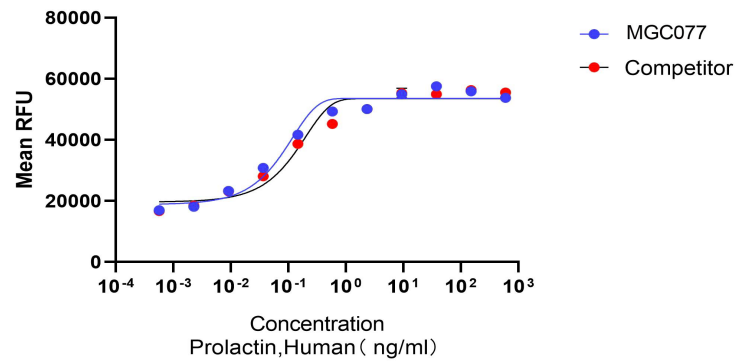
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (conditions, visualized by Coomassie staining)
Endotoxin	≤ 0.01 EU/ μ g by the LAL method
Activity	Measured by its ability to induce the proliferation of rat Nb2-11 cells. The ED_{50} for this effect is ≤ 0.1 ng/mL.
Formulation	Lyophilized from a 0.22 μ m filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	Wet ice (seasonal)
Storage & Stability	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 Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Measured in a cell proliferation assay using Nb2-11 cells.

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