

Recombinant Human GH

Cat. No.:MGC027 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human GH (Phe27-Phe217)

Accession # P01241

Predicted molecular mass 22 kDa

Specification:

Appearance White powder, Colorless clear liquid after reconstitution

Purity $\geq 95\%$, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)

Endotoxin ≤ 0.01 EU/ μ g by the LAL method

Activity Determined by its ability to stimulate the proliferation of Nb2-11 cells.

Expected ED₅₀ ≤ 0.1 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg

Formulation Lyophilized from a 0.22 μ m-filtered solution containing 10mM PB

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

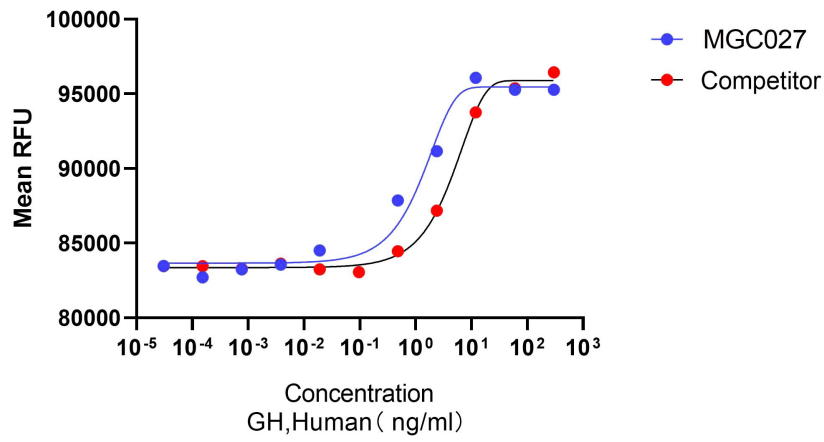
7-10 days at 2°C to 8°C under sterile conditions after reconstitution

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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