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Recombinant Human GH

Product Number: CK07601

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: ≤ 10 EU/mg by the LAL method

Activity: Determined by its ability to stimulate the proliferation of Nb2-11 cells. Expected $ED_{50} \leq 0.1$ ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg.

Formulation: Lyophilized from a $0.2 \mu\text{m}$ filtered solution containing 10 mM PB

Size: 50 μg /vial, 1 mg/vial

Handling and Storage:

Reconstitution: It is recommended to redissolve in sterile deionized water.

Shipping: The product is shipped with blue ice.

Storage & Stability: 36 months at 2°C to 8°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.