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Recombinant Human G-CSF

Product Number: CK06201

Characteristics:

Source: HEK293

Description: Human G-CSF (Thr31-Pro204)

Accession # P09919

Predicted molecular mass: 18.7 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

Purity: $\geq 95\%$, by SDS-PAGE (under conditions, visualized by Coomassie staining)

Endotoxin: ≤ 10 EU/mg by the LAL method

Activity: The activity is determined by the dose-dependent proliferation of murine NFS-60 cells, which is < 0.5 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 PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

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.