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Recombinant Human IL-4

Product Number: CK02201

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Interleukin-4 (His25-Ser153)

Accession #: P05112

Predicted molecular mass: 15 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

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

Endotoxin: ≤ 10 EU/mg by the LAL method

Activity: Measured in a cell proliferation assay using TF-1 cells. The ED50 for this effect is ≤ 0.2 ng/mL, corresponding to a specific activity of $> 1 \times 10^7$ units/mg.

Formulation: Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size: 50 μ g/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 -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.