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Recombinant Human IL-2

Product Number: CK02001N

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Interleukin-2 (Ala21-Thr153)

Accession #: P60568-1

Predicted molecular mass: 15.4 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: ≤ 1 EU/mg by the LAL method

Activity: $\geq 1 \times 10^7$ IU/mg. Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells

Formulation: Lyophilized from a 0.22 μ m-filtered solution containing 10 mM PB, 5% mannitol and 0.01% Tween 80, pH 3.5

Size: 100 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 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.