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Recombinant Human IL-7

Product Number: CK02401

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human IL-7 (Asp26-His177)

Accession #: P13232

Predicted molecular mass: 17.3 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

Purity: ≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

Endotoxin: ≤10 EU/mg by the LAL method

Activity: Measured in a cell proliferation assay using NALM-6 human pre-B cells. The ED50 for this effect is ≤30 ng/ml.

Formulation: Lyophilized from a 0.2 µm 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.