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Recombinant Human IL-13

Product Number: CK06501

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human IL13 (Gly35-Asn146)

Accession # P35225

Predicted molecular mass: 12.3 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: Measured in a cell proliferation assay using TF-1 cells. The $ED_{50} \leq 1.0$ ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/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.