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Recombinant Human IGF-II(HEK293-expressed)

Product Number: CK12441H

Characteristics:

Source: HEK293

Description: Human IGF-II(Ala25-Glu91), Accession # P01344.1

Predicted molecular mass: 7.5kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

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

Endotoxin: ≤10 EU/mg by the LAL method

Activity: Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED50 for this effect is ≤50 ng/mL.

Formulation: Lyophilized from a 0.2 µm filtered solution containing TFA, ACN, 5% Trehalose.

Size: 10 µg/vial, 50 µg/vial, 1 mg/vial

Handling and Storage:

Reconstitution: It is recommended to redissolve in 4mM HCl.

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.