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Recombinant Human FGF-10

Product Number: CK01101

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human FGF10 (Gln38-Ser208)

Accession # O15520

Predicted molecular mass: 19.3 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 by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED50 for this effect is ≤ 2 $\mu\text{g}/\text{mL}$.

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

Size: 10 $\mu\text{g}/\text{vial}$, 50 $\mu\text{g}/\text{vial}$, 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.**