



Recombinant Human LR3 IGF-1

Product Number: CK03101N

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human LR3 IGF-1 (MFPAMPLSSLFVN+Gly49-Ala118(E51R))

Accession #: P05019

Predicted molecular mass: 9 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 serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED50 for this effect ≤ 1.5 ng/mL.

Formulation: Lyophilized from a 0.2 μ m filtered solution in Acetic Acid.

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.