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Recombinant Human Vitronectin

Product Number: CK04801L

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Vitronectin (Asp20-Leu478)

Accession # P04004

Predicted molecular mass: 52.3 kDa

Specification:

Appearance: Colorless clear liquid

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

Endotoxin: ≤ 1.0 EU/mg by the LAL method

Activity: Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells.

The ED50 for this effect is 2-10 $\mu\text{g/mL}$. Optimal concentration depends on cell type as well as the application or research objectives.

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

Size: 50 $\mu\text{g/vial}$, 1 mg/vial

Handling and Storage:

Shipping: The product is shipped with blue ice.

Storage & Stability:

- 36 months at -20°C to -80°C under sterile conditions
- 6 months at 2°C to 8°C under sterile conditions

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.