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Recombinant Human Fetuin A

Product Number: CK07501

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Fetuin A (A-Chain: A19-L300; B-Chain: T341-V367)

Accession # P02765

Predicted molecular mass: 32.9 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

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

Endotoxin: ≤ 0.5 EU/mg by the LAL method

Activity: Measured in a cell proliferation assay using B16-F1 cells. Human Fetuin A (Cat. No. Y07501) stimulates adhesion of B16-F1 cells. The ED50 for this effect is 50-200 $\mu\text{g}/\text{mL}$. Optimal concentration depends on cell type as well as the application or research objectives.

Formulation: Lyophilized from a 0.22 μm -filtered solution containing 10 mM PB, pH 7.4

Size: 100 mg/vial, 1 g/vial, 10 g/vial, 100 g/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 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.