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Recombinant Human Transferrin(HOLO)

Product Number: CK04501

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Transferrin (Val20-Pro698)

Accession # P02787

Predicted molecular mass: 75.2 kDa

Specification:

Appearance: Red powder, red clear liquid after reconstitution

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

Endotoxin: ≤0.5 EU/mg by the LAL method

Activity: Measured in a serum-free cell proliferation assay using MDCK canine kidney epithelial cells. The ED50 for this effect is 0.5-2 µg/mL. Optimal concentration depends on cell type as well as the application or research objectives.

Formulation: Lyophilized from a 0.2 µm filtered solution in sterile water.

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.