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Recombinant Human Transferrin (His Tag)

Product Number: CK04502

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Transferrin (Val 20-Pro 698) with a C-terminal 6-His tag

Accession # P02787

Predicted molecular mass: 76 kDa

Specification:

Appearance: White or red powder, red clear liquid after reconstitution

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

Endotoxin: ≤1 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 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size: 100 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 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.