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Recombinant Mouse Transferrin

Product Number: CK04532

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Mouse Transferrin (Val20-His697)

Accession # Q92111

Predicted molecular mass: 74.9 kDa

Specification:

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

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

Endotoxin: ≤ 10 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 $< 10 \mu\text{g/mL}$.

Formulation: Lyophilized from a $0.22 \mu\text{m}$ -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:

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.