

Recombinant Bovine Transferrin

Catalog Number: Y04542

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Bovine Transferrin (Asp20-Pro704) Accession # Q29443
Predicted molecular mass	75.8 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	≤10 EU/mg by the LAL method
Activity	Measured in a serum-free cell proliferation assay using MDCK canine kidney epithelial cells. The ED ₅₀ 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 in sterile water
Size	50 µg/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.