
Summary

Name	Recombinant Bovine Transferrin
Purity	Greater than 98% as determined by reducing SDS-PAGE
Endotoxin level	≤0.5 EU/mg
Construction	Recombinant Bovine Transferrin is produced by our Mammalian cell expression system and the target gene encoding Asp20-Pro704 is expressed.
Accession #	Q29443
Host	Human Cells
Species	Bovine
Predicted Molecular Mass	75.8 kDa
Formulation	Lyophilized From sterile water
Shipping	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt.Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Alternative Names	Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin; TF
Background	Serotransferrin belongs to transferrin family, and contains 2 transferrin-like domains. The protein is a secreted protein, and expressed by the liver and secreted in plasma. Transferrins are iron binding transport proteins which can bind two Fe ³⁺ ions in association with the binding of an anion. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

Note

For Research Use Only , Not for Diagnostic Use.