

## Summary

<b>Name</b>	Recombinant Bovine Transferrin
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	≤0.5 EU/mg
<b>Construction</b>	Recombinant Bovine Transferrin is produced by our Mammalian cell expression system and the target gene encoding Asp20-Pro704 is expressed.
<b>Accession #</b>	Q29443
<b>Host</b>	Human Cells
<b>Species</b>	Bovine
<b>Predicted Molecular Mass</b>	75.8 kDa
<b>Formulation</b>	Lyophilized From sterile water
<b>Shipping</b>	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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.

## 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<sup>3+</sup> 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.