TF
Native Human Holo-Transferrin

Catalog No.	CSI19706A CSI19706B	**Quantity:**	100 mg 1 g

Alternate Names: Transferrin iron-saturated, Siderophilin, TRF, Holo TnF

Description: Human Transferrin (TF) is a plasma glycoprotein which transports iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. Transferrin is related to other iron binding proteins including lactoferrin. When human transferrin loaded with iron encounters a transferrin receptor on the surface of a cell, it binds to it and is consequently transported into the cell in a vesicle. The cell will acidify the vesicle, causing human transferrin to release its iron ions. Each human transferrin molecule has the ability to carry two iron ions in the ferric form (Fe3+).

Human Holo Transferrin (Transferrin iron-saturated, Siderophilin,tf,TRF) SDS-Polyacrylamide gel electrophoresis shows one major band only corresponding to the molecular weight of human Transferrin.

Gene ID: 7018

Source: Human Serum

Molecular Weight: 77 kDa

Formulation: Lyophlized from a solution with ammonium bicarbonate, pH 6.5-8.0. May contain traces of buffer salts.

Purity: > 98% by SDS-PAGE

Iron Content: 1200-1700 ppm

Heat Treatment: Product held at ≥ 58°C for at least 10 hours.

Storage & Stability: Store at 2-8°C.

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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com