TERF1
Native Human APO-Transferrin

Catalog No.	CSI19707A CSI19707B	**Quantity:**	100 MG 1 G

Alternate Names: Siderophilin, TRF, apo-hTF, apotransferrin

Description: Human APO Tranferrin is iron saturated. Each Human transferrin molecule binds with two Fe3+ ions to form a reddish complex.
Human Transferrin is a serum protein involved in iron binding and transport. APO Human Transferrin is Substantially iron-free.
Human APO Transferrin ANALYSIS: Total protein determination by the Lowry method. SDS-Polyacrylamide gel electrophoresis shows one major band only corresponding to the molecular weight of Transferrin.
Human Transferrin is a plasma protein for iron ion delivery. Human Transferrin is a glycoprotein with homologous N-terminal and C-terminal iron binding domains. Human Transferrin is related to other iron binding proteins including lactoferrin. When human transferrin loaded with iron encounters a human 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+).

Gene ID: 7013

Source: Human Serum

Molecular Weight: 77 kDa

Formulation: Lyophlized

Purity: >99% by SDS-Polyacrylamide Gel

Storage & Stability: Store at 2-4°C. Stable for 2 years from delivery.

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Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

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