



Human Apo Transferrin (ATF)

Datasheet

Catalog Number: PR27104

Product Type: Natural Protein

Source: FDA approved Plasma.

Description/Molecular

Mass: Human Apo Transferrin is a glycoprotein of approximately 77 kDa.

Purity: Greater than 98.0% as determined by Cellulose Acetate Electrophoresis.

Human Virus Test: FDA approved Plasma from each donor has been tested and found negative for antibody to HIV-1, HIV-2, HCV, HBSAG, HBc, ALT and Syphilis. Viral inactivation by pasteurization (60°C for 10 hours) has been validated using three different test viruses, with removal of 8-14.5 logs of virus documented. The purification process has also been found to remove significant additional quantities of virus.

Biological Activity/Protein Uses: Human Transferrin is a crucial component for the cultivation and long-term cells growth of mammalian cells *in-vitro*. It is used as detoxificant in media by binding contaminating metal ion and is often used as a nutrient in fermentation media for recombinant protein and biopharmaceutical production.

Additional common uses of Human Transferrin are:

- Molecular weight, Affinity purification of anti-human transferrin antibodies.
- Receptor mediated transfection of molecules such as DNA, into cells.

Format: The protein (1mg/ml) was lyophilized from approximately 0.02M NH_4HCO_3 . May contain traces of buffer salts.

Reconstitution: It is recommended to reconstitute the lyophilized Apo Transferrin in sterile 18M Ω -cm H₂O n less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Apo Transferrin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Apo Transferrin should be stored at 4°C between 2-7 days and for future use below -18°C.
Please prevent freeze-thaw cycles.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

03/09v1

www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics1.com