



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Human Apo Transferrin

CLPRO325
CLPRO325-2
Lot: 407ATF01

Description:

Iron saturated human Apo Transferrin is a glycoprotein of approximately 80 kDa. Transferrin is the iron-transport protein of vertebrate serum and donates iron to cells through interaction with a specific membrane receptor, CD71. Transferrin appears to be indispensable for most cells growing in tissue culture.

It is referred to frequently as a growth factor because (in analogy to other growth factor-receptor interactions) proliferating cells express high numbers of transferrin receptors, and the binding of transferrin to their receptors is needed for cells to initiate and maintain their DNA synthesis. Apart from its role as an iron transport protein, transferrin acts as a cytokine and has functions that may not be related to its iron-carrying capacity.

Presentation:

500 mg (CLPRO325) or 1 g (CLPRO325-2), sterile filtered (1 mg/ml) solution was lyophilized with no additives.

Reconstitution:

It is recommended to reconstitute the lyophilized Apo Transferrin in sterile 18MO-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Apo Transferrin (although stable at room temperature for 3 weeks) should be stored desiccated below -18°C. Upon reconstitution, the product should be stored at 4°C for up to 7, or below -18°C for long term storage.

Avoid freeze-thaw cycles.

Purity: Greater than 97.0% as determined by Cellulose Acetate.

Human Virus Test:

Human. FDA approved plasma from each donor has been tested and found negative for antibodies 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.

Continued Overleaf...

For more information or to place an order please contact...

CEDARLANE®
LABORATORIES LIMITED



toll free: 1-800-268-5058
in North America

phone: (905) 878-8891 • fax: (905) 878-7800

5516 - 8th Line, R.R.#2, Hornby, Ontario, CANADA L0P 1E0

or visit our website for a list of our international distributors including contact information
website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com

Applications:

In vitro cultivation of mammalian cells.

In vitro long-term cell growth.

Detoxificant in media by binding contaminating metal ions.

Nutrient in fermentation media for recombinant protein and biopharmaceutical production.

Additional uses include: Molecular Weight, Affinity purification of anti-human transferrin antibodies, receptor mediated transfection of molecules such as DNA into cells.

Laboratory Reagent For Research Use Only

JV 07/04/07