

32-3329: Bovine Holo Transferrin Native Protein

Alternative Name Serotransferrin,Transferrin,Siderophilin,Beta-1-metal-binding
:
globulin,TF,PRO1557,PRO2086,DKFZp781D0156,Holo Transferrin,HTF.

Description

Bovine Holo 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.

Product Info

Amount : 150 mg
Purification : Greater than 97.0% as determined by Cellulose Acetate.
Content : The protein (1mg/ml) was lyophilized with no additives.
Storage condition : Lyophilized Bovine HTF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Bovine HTF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Application Note

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