

Holo Transferrin Bovine

Item Number	rAP-2648
Synonyms	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.
Uniprot Accession Number	Q29443
Amino Acid Sequence	
Source	
Physical Appearance and Stability	Sterile Filtered Pink lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The protein (1mg/ml) was lyophilized with no additives. Greater than 97.0% as determined by Cellulose Acetate.
Application	Bovine Transferrin is a crucial component for the cultivation of mammalian cells in-vitro. Bovine Transferrin is Critical for long-term cells growth in-vitro. Bovine Transferrin is used as detoxificant in media by binding contaminating metal ions.
Solubility	It is recommended to reconstitute the lyophilized Bovine HTF in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**