

## Transferrin Human Recombinant

<b>Item Number</b>	rAP-2650
<b>Synonyms</b>	Serotransferrin, Transferrin, Siderophilin, Beta-1-metal-binding globulin, TF, PRO1557, PRO2086, DKFZp781D0156,&nbsp;HTF.
<b>Description</b>	Recombinant Human Transferrin produced in Plant is a non-glycosylated, polypeptide chain containing 679 amino acids and having a molecular mass of 76 kDa. The Recombinant Human Transferrin is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P02787
<b>Amino Acid Sequence</b>	
<b>Source</b>	Oryza sativa (rice).
<b>Physical Appearance and Stability</b>	Sterile Filtered lyophilized (freeze-dried) powder. Lyophilized Transferrin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Transferrin Human Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein (1mg/ml) was lyophilized with no additives. Purity as determined by SDS-PAGE is 95%.
<b>Application</b>	Recombinant Human Transferrin has increased the growth of numerous cell types including hybridoma and primary cell lines. The optimal concentration of Recombinant Human Transferrin for cell culture differs with the cell line. In CHO, effective concentrati
<b>Solubility</b>	Stock solutions can be prepared by dissolving gently into PBS for several minutes. Recommended stock concentrations are 5mg/ml to 20 mg/ml in PBS, though others can be used as well. Please try to avoid the formation of bubbles when dissolving the protein.
<b>Biological Activity</b>	One mg of Recombinant Human Transferrin will bind to approximately 2 micrograms of Fe.
<b>Shipping Format and Condition</b>	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**