**Product Name: Recombinant Human Transferrin (C-6His)**
**Catalog #: PHH1493**

## Summary

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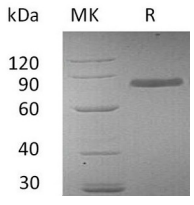
| **Name** | Serotransferrin/Tf/Transferrin |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE |
| **Endotoxin level** | <1 EU/μg as determined by LAL test. |
| **Construction** | Recombinant Human Transferrin is produced by our Mammalian expression system and the target gene encoding Val20-Pro698 is expressed with a 6His tag at the C-terminus. |
| **Accession #** | AAA61140.1 |
| **Host** | Human Cells |
| **Species** | Human |
| **Predicted Molecular Mass** | 76.2 KDa |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| **Shipping** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **Stability&Storage** | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| **Reconstitution** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## SDS-PAGE image




## Background

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| **Alternative Names** | Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin; TF |
| **Background** | Serotransferrin belongs to transferrin family, and contains 2 transferrin-like |

domains. The protein is a secreted protein, and expressed by the liver and secreted in plasma. Transferrins are iron binding transport proteins which can bind two Fe3+ ions in association with the binding of an anion. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

## Note

For Research Use Only , Not for Diagnostic Use.