

RP00450

Leader in Biomolecular Solutions for Life Science



# Recombinant Human Serotransferrin/Tf/Transferrin Protein

Catalog No.: RP00450

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	7018	P02787

### Tags

C-6×His

### Synonyms

HEL-S-71p;PRO1557;PRO2086;TFQTL1;TF;Transferrin

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein belongs a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.

## Basic Information

### Description

Recombinant Human Serotransferrin/Tf/Transferrin Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Val20-Pro698) of human Serotransferrin/Tf/Transferrin (Accession #P02787) fused with a 6×His tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

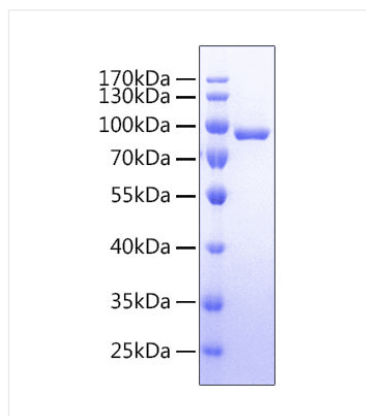
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

---



Recombinant protein Human Serotransferrin/Tf/Transferrin was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 85 kDa.