

# CHAMOT

**Recombinant Holo-Transferrin, Human, AF,  
Pichia pastoris**

**CM196-100MHP**

**CM196-500MHP**

**CM196-1GHP**

**CM196-5GHP**



**CHAMOT**

乔默®生物

*Specialize In Cytokines*



# CONTENT

1 Product Specifications

2 Product Note

3 Storage/Shipping

4 Scientific Data

## Recombinant Holo-Transferrin, Human, AF, Pichia pastoris

|          |              |              |            |            |
|----------|--------------|--------------|------------|------------|
| Catalog# | CM196-100MHP | CM196-500MHP | CM196-1GHP | CM196-5GHP |
| Size     | 100mg        | 500mg        | 1g         | 5g         |

### Product Specifications

#### Background

Human Holo-Transferrin Protein is an important iron-binding protein that plays a crucial physiological role in the human body. It is primarily found in blood and bodily fluids, responsible for transporting and delivering iron to various tissues and cells. Transferrin consists of two identical subunits, each capable of binding two iron ions. In the bloodstream, Transferrin transports iron from iron storage sites such as the intestines, liver, and spleen to other tissues to meet the cellular demand for iron.

#### Synonyms

Beta-1 metal-binding globulin, Siderophilin, Transferrin

#### Uniprot ID

P02787

#### Molecular Weight

The protein has a calculated MW of 75 kDa. The protein migrates as 60 kDa under reducing condition (SDS-PAGE analysis).

#### Expression System

Pichia pastoris

#### Purity

>95% as determined by SDS-PAGE.

#### Activity

Testing in process

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Protein Sequence

A DNA sequence encoding Human Holo-Transferrin Protein(#P02787) (Val20-Pro698) was expressed.

#### Form

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0. If you have any concerns or special requirements, please confirm with us.

#### Application

Cell Culture

## Product Note

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 2 mg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## Storage/Shipping

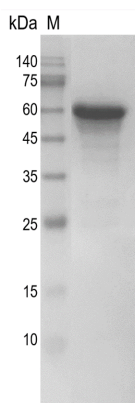
### Stability & Storage

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for 1 month. Avoid repeated freeze/thaw cycles.

### Shipping

Blue Ice

## Scientific Data



SDS- PAGE analysis of recombinant human Holo-Transferrin

For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. [www.chamot-bio.com](http://www.chamot-bio.com)

Tel: 021-51880030 Mail: [info@chamot-bio.com](mailto:info@chamot-bio.com) QQ: 864920491