

CHAMOT

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

CM196-100MHP

CM196-500MHP

CM196-1GHP

CM196-5GHP



CHAMOT

乔默®生物

Specialize In Cytokines



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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 H₂O 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

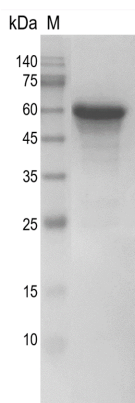
Stability & Storage

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

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