Recombinant Cynomolgus Transferrin R/CD71 Protein

Catalog No.: RP02729

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Sequence Information

Species
Cynomolgus

Gene ID

Swiss Prot
XP_005545315.1

Tags
N-His

Synonyms
TR; TfR1; CD71; sTfR; T9; p90; TFRC; TFR

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
76.3 kDa

Observed MW
78-80 kDa

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

Formulation

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The transferrin receptor (CD71) is known as a receptor for IgA1 on mesangial cells. The transcript and protein expression of glomerular CD71 was determined by real-time polymerase chain reaction and immunohistochemistry. Human mesangial cells (HMCs) were treated with sera from IgAN patients and expression levels of CD71 and inflammatory cytokine markers were compared according to disease status.

Basic Information

Description
Recombinant Cynomolgus Transferrin R/CD71 Protein is expressed from Expi293 with His tag at the N-terminal.; It contains Cys89-Phe760.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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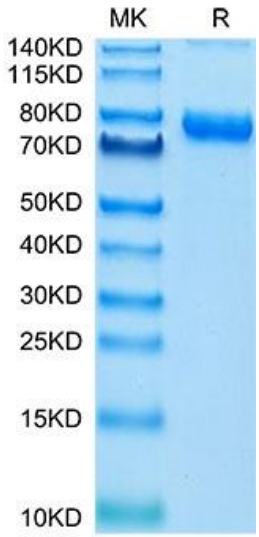
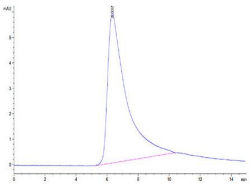
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Cynomolgus Transferrin R/CD71 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus Transferrin R is greater than 95% as determined by SEC-HPLC.

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