

Biotinylated Recombinant Human CD4 Protein

Catalog No.: RP02306 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	920	P01730

Tags

C-His&Avi

Synonyms

CD4;CD4mut

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Basic Information

Description

Biotinylated Recombinant Human CD4 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Lys26-Trp390) of Human CD4 fused with His and Avi tag at the C-terminal.

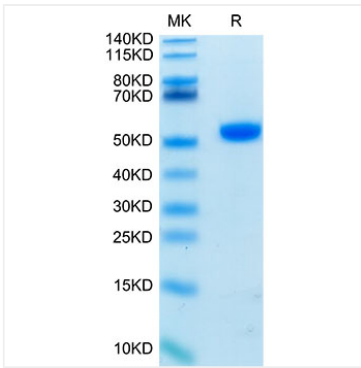
Bio-Activity

Immobilized Biotinylated Human CD4 at 0.5 μg (100 μL/Well) on the plate. Dose response curve for Anti-CD4 Ab, with the EC₅₀ of 21.0 ng/mL determined by ELISA.

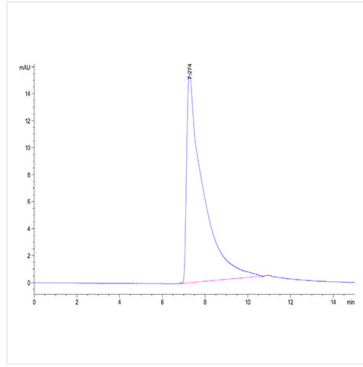
Storage

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.

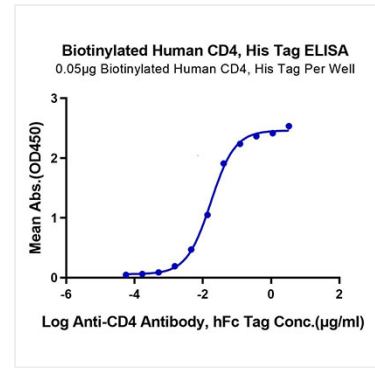
Validation Data



Biotinylated Human CD4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human CD4 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human CD4, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD4 Antibody, hFc Tag with the EC_{50} of 17.2ng/ml determined by ELISA.