

Biotinylated Recombinant Human CD5 Protein

Catalog No.: RP02310 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	921	P06127

Tags

C-hFc&Avi

Synonyms

CD5; LEU1; T1; CD5 molecule;LEU1;T1

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

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Background

Basic Information

Description

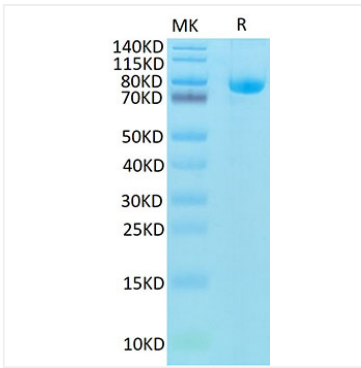
Biotinylated Recombinant Human CD5 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met1-Asn371) of Human CD5 fused with hFc tag and Avi tag at the C-terminal.

Bio-Activity

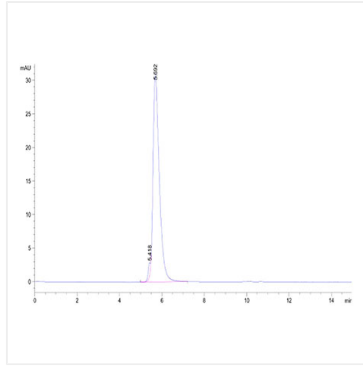
Storage

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.

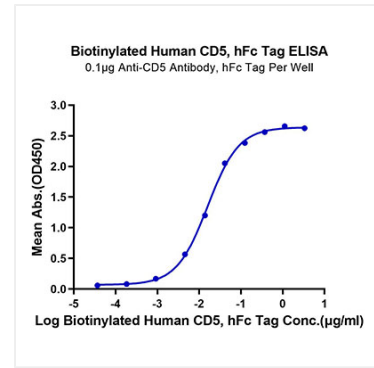
Validation Data



Biotinylated Human CD5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human CD5 is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-CD5 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CD5, hFc Tag with the EC₅₀ of 16.0ng/ml determined by ELISA.