

RP02386

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Biotinylated Recombinant Human IGF1R/CD221 Protein

Catalog No.: RP02386

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3480	P08069

Tags

C-His&Avi

Synonyms

IGF1R;CD221;IGFIR;IGFR;JTK13

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 freeze-thaw cycles.

Background

Basic Information

Description

Biotinylated Recombinant Human IGF1R Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met1-Asn932) of Human IGF1R fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Storage

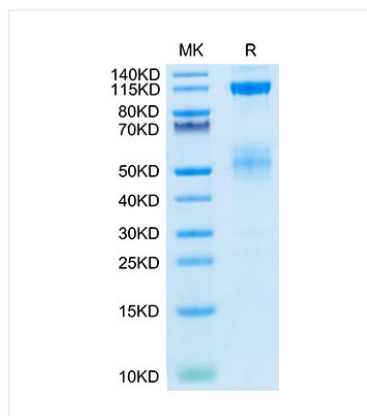
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

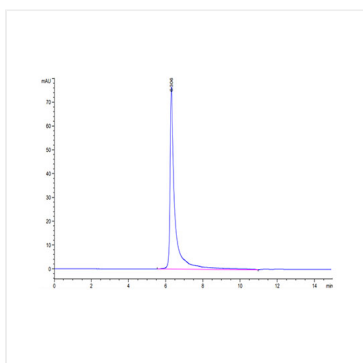


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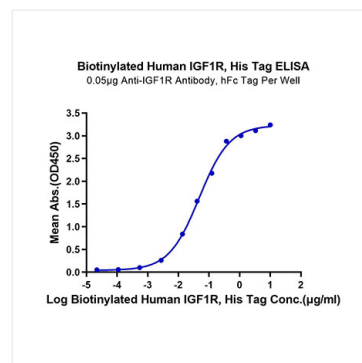
Validation Data



Biotinylated Human IGF1R on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human IGF1R is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-IGF1R Antibody at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human IGF1R, His Tag with the EC₅₀ of 48.0ng/ml determined by ELISA.