

RP02385

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# Recombinant Human IGF1R/CD221 Protein

Catalog No.: RP02385

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	3480	P08069

### Tags

C-His&Avi

### Synonyms

IGF1R;CD221;IGFIR;IGFR;JTK13

## Product Information

### Source

#### Purification

> 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

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

Immobilized Human IGF1R, His Tag at 0.2 μg/mL (100 μL/Well). Dose response curve for Anti-IGF1R Ab with the EC<sub>50</sub> of 32.4 ng/mL determined by ELISA.

### Storage

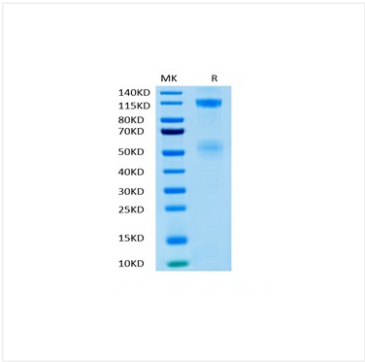
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

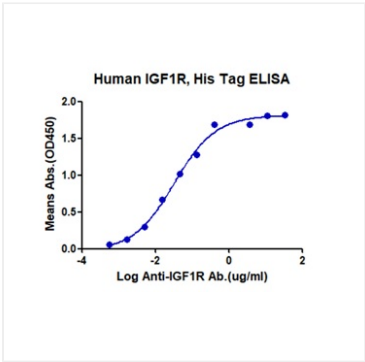


[www.abclonal.com](http://www.abclonal.com)

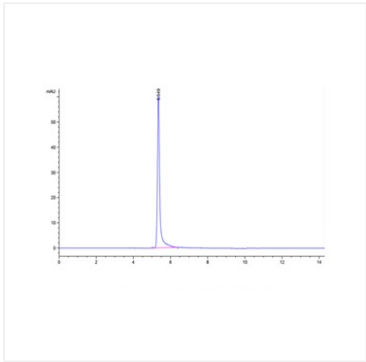
Validation Data



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



Immobilized Human IGF1R,His Tag at 0.2μg/ml (100μl/Well). Dose response curve for Anti-IGF1R Ab.with the EC<sub>50</sub> of 32.4ng/ml determined by ELISA.



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