

## Biotinylated Recombinant Human IGF1R/CD221 Protein

RPCB0032

### Protein Information

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<b>Size:</b>	100 µg	<b>Tag:</b>	C-His&Avi
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	-
<b>Calculated MW:</b>	105.8, 23 kDa	<b>Observed MW:</b>	110-120, 52-55 kDa

### Background

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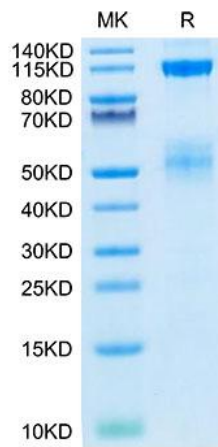
The type 1 IGF receptor (IGF1R) is a transmembrane tyrosine kinase that is frequently overexpressed by tumours, and mediates proliferation and apoptosis protection. IGF signalling also influences hypoxia signalling, protease secretion, tumour cell motility and adhesion, and thus can affect the propensity for invasion and metastasis. Therefore, the IGF1R is now an attractive anti-cancer treatment target.

### Properties

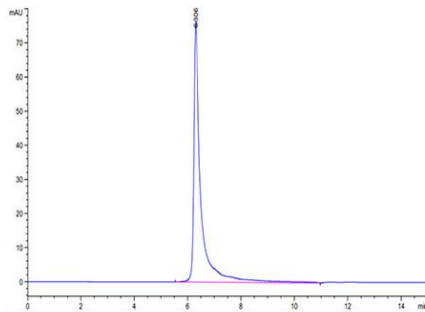
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<b>Synonyms:</b>	IGF1R, CD221, IGFIR, IGFR, JTK13
<b>Gene ID:</b>	3480
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human IGF1R/CD221 Protein (RPCB0032), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.
<b>Storage:</b>	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

## Validation Data



Biotinylated Recombinant Human IGF1R/CD221 Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.



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