

# Recombinant Human IGF2R protein, His-Avi-tagged, Biotinylated

**Cat. No.** IGF2R-342H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human IGF2R Protein(P11717)(Glu47-Met1508) is expressed from HEK293 with His tag and Avi tag at the C-terminal.                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Glu47-Met1508                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                                                          |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 164.90 kDa. Due to glycosylation, the protein migrates to 165-200 kDa based on Tris-Bis PAGE result.                                                                                                                                  |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE<br>> 95% as determined by HPLC                                                                                                                                                                                                     |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt.<br>-20 to -80°C for 3-6 months in unopened state after reconstitution.<br>2-8°C for 2-7 days after reconstitution.<br>Recommend to aliquot the protein into smaller quantities for optimal storage. Please |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

avoid freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

IGF2R insulin-like growth factor 2 receptor [ Homo sapiens ]

**Official Symbol**

IGF2R

**Synonyms**

IGF2R; insulin-like growth factor 2 receptor; cation-independent mannose-6-phosphate receptor; cation independent mannose 6 phosphate receptor; CD222; CIMPR; M6PR; MPR1; MPRI

**Gene ID**

3482

**mRNA Refseq**

NM\_000876

**Protein Refseq**

NP\_000867

**MIM**

147280

**UniProt ID**

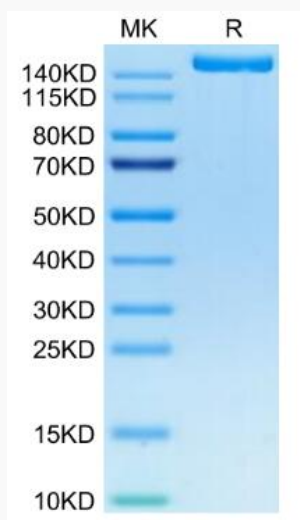
P11717

 Tel: 1-631-559-9269 1-516-512-3133

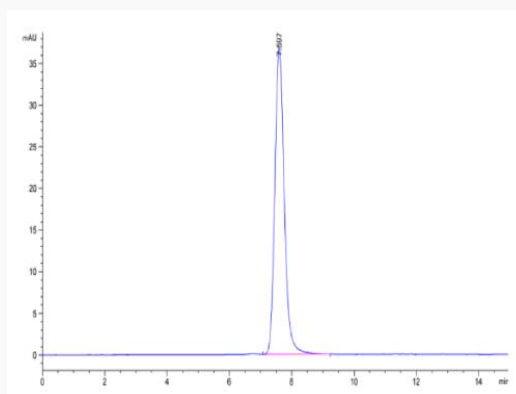
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

### Tris-Bis PAGE



### SEC-HPLC



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA