

# Human IGF2R Protein

Cat. No. IGF-HM12R



## Description

Source	Recombinant Human IGF2R Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus It contains Glu47-Met1508.
Accession	P11717
Molecular Weight	The protein has a predicted MW of 164.90 kDa. Due to glycosylation, the protein migrates to 165-200 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

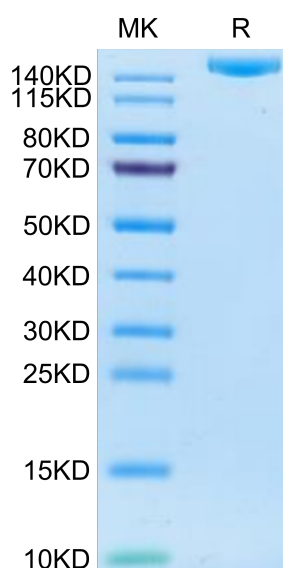
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

The cation-independent mannose-6-phosphate/insulin-like growth factor 2 receptor (M6P/IGF2R) is a multifunctional receptor. It is involved in a variety of cellular processes which become dysregulated in cancer.

## Assay Data

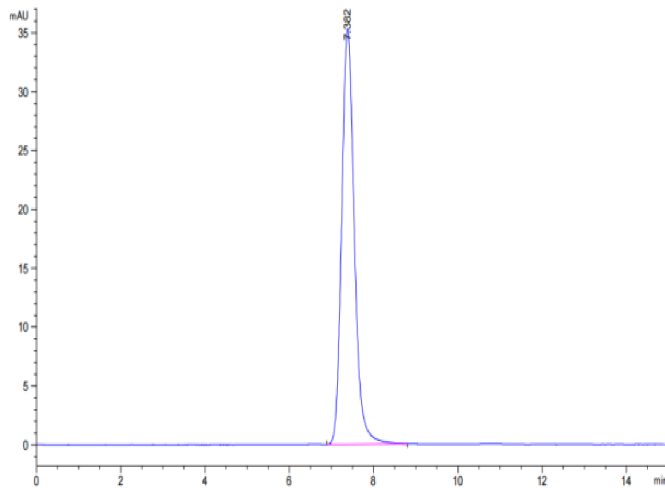
### Bis-Tris PAGE



Human IGF2R on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

Assay Data



The purity of Human IGF2R is greater than 95% as determined by SEC-HPLC.