

Biotinylated Human IGF2R Protein

Cat. No. IGF-HM12RB

Description	
Source	Recombinant Biotinylated 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

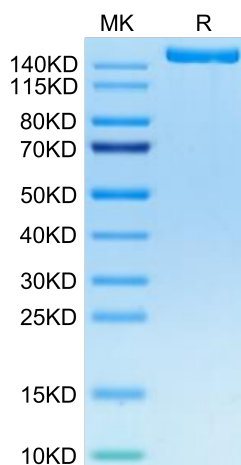
Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days 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

Tris-Bis PAGE



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

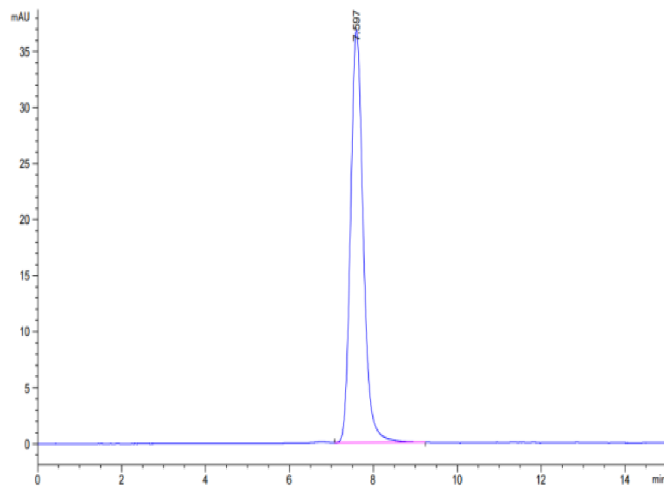
SEC-HPLC

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Assay Data



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