

Human IGF2R Domain 1-7 Protein



Cat. No. IGF-HM1RE

Description	
Source	Recombinant Human IGF2R Domain 1-7 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Glu47-Pro1079.
Accession	P11717
Molecular Weight	The protein has a predicted MW of 117.40 kDa. Due to glycosylation, the protein migrates to 120-160 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

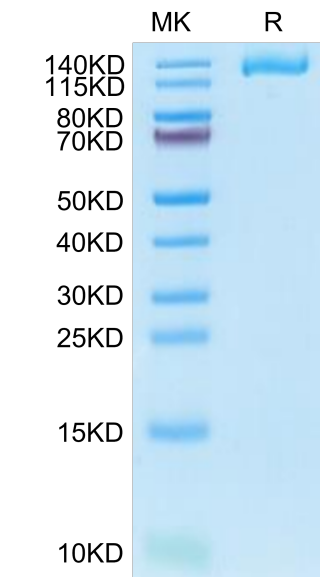
Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
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 Domain 1-7 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

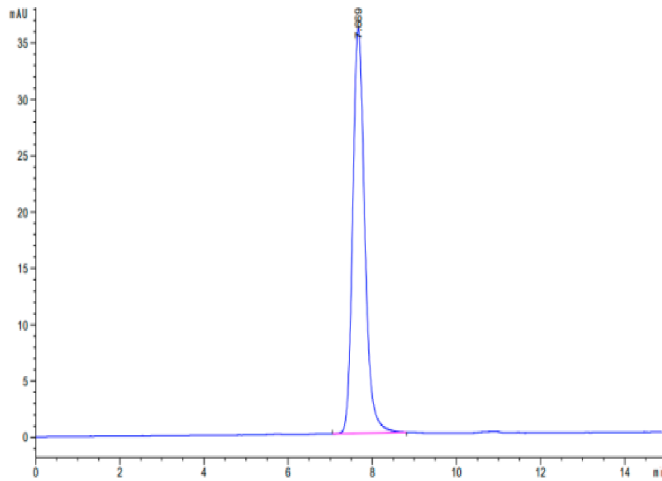
SEC-HPLC

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Assay Data



The purity of Human IGF2R Domain 1-7 is greater than 95% as determined by SEC-HPLC.