

Biotinylated Human GIPR Protein



Cat. No. GIP-HM40RB

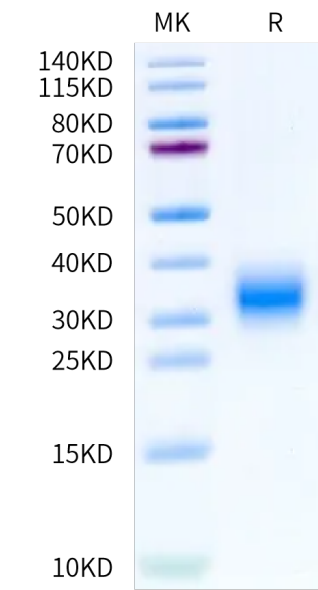
Description	
Source	Recombinant Biotinylated Human GIPR Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly26-Gln138.
Accession	P48546-1
Molecular Weight	The protein has a predicted MW of 15.88 kDa. Due to glycosylation, the protein migrates to 28-38 kDa based 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 gastric inhibitory polypeptide receptor (GIPR), a G protein-coupled receptor (GPCR) that regulates glucose metabolism and insulin secretion, is a target for the development of therapeutic agents to address type 2 diabetes and obesity.	

Assay Data

Bis-Tris PAGE



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

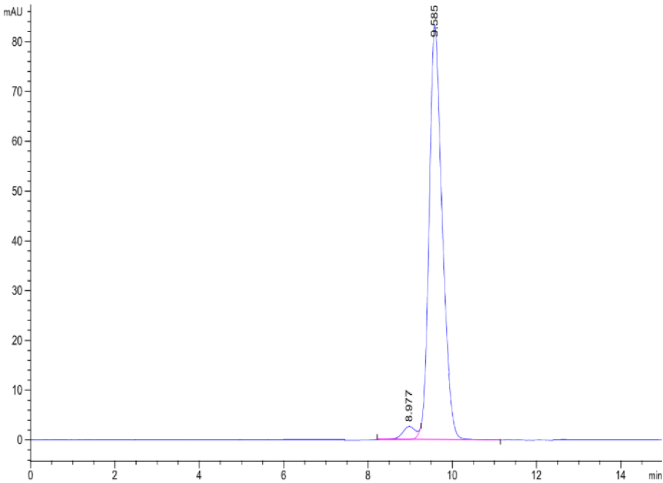
SEC-HPLC

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Assay Data



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