Cynomolgus GIPR Protein

Cat. No. GIP-CM40R

Description

Source	Recombinant Cynomolgus GIPR Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.
	It contains Gly26-Gln138.
Accession	XP_005589662.2
Molecular Weight	The protein has a predicted MW of 15.91 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE
	>95% as determined by HPLC

Formulation and Storage

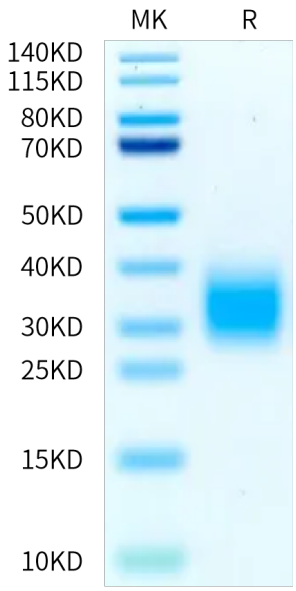
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

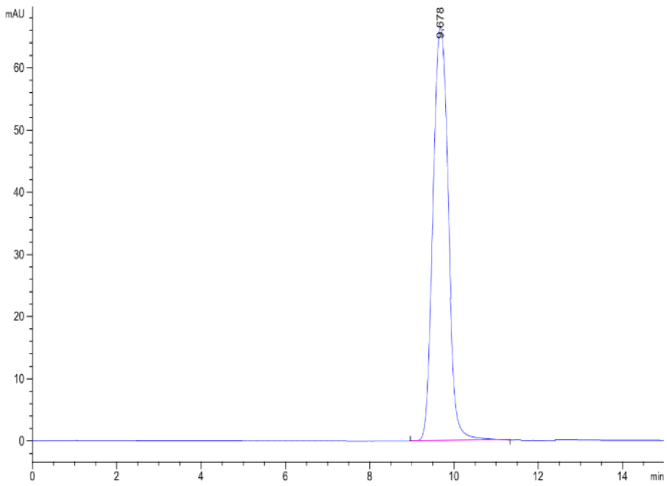
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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