

Mouse GIP Protein

Cat. No. GIP-MM101



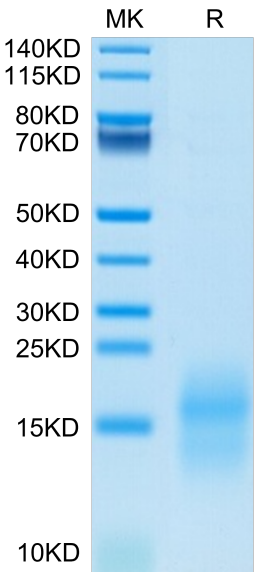
Description	
Source	Recombinant Mouse GIP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu22-Gln85.
Accession	P48756
Molecular Weight	The protein has a predicted MW of 8.7 kDa. Due to glycosylation, the protein migrates to 13-18 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

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 potential application of glucose-dependent insulinotropic polypeptide (gastric inhibitory polypeptide, GIP) in the management of obesity and type 2 diabetes has been controversial. Initial interest in the therapeutic use of GIP was dampened by evidence that its insulinotropic activity was reduced in type 2 diabetes and by reports that it increased glucagon secretion and adipose deposition in non-diabetic individuals.	

Assay Data

Bis-Tris PAGE



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