Mouse GIP Protein

Cat. No. GIP-MM101

Description

Source	Recombinant Mouse GIP Protein is expressed from Expi293 with His tag at the C-terminal.
	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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

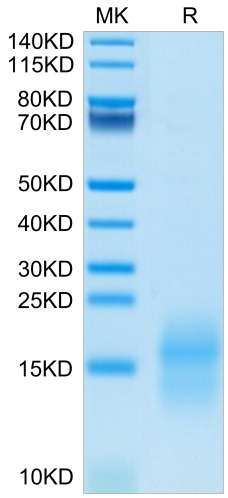
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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

Tris-Bis PAGE



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