

Active Recombinant Human GIP protein, His-tagged, Low Endotoxin

Cat. No. GIP-7855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GIP protein(P09681)(Glu22-Gln93), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-93 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GIP, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GIP Antibody, hFc Tag with the EC50 of 4.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 9.2 kDa. Due to glycosylation, the protein migrates to 15-25 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name GIP gastric inhibitory polypeptide [Homo sapiens]

Official Symbol GIP

Synonyms GIP; gastric inhibitory polypeptide; glucose dependent insulinotropic polypeptide; glucose-dependent insulinotropic polypeptide;

Gene ID 2695

mRNA Refseq NM_004123

Protein Refseq NP_004114

MIM 137240

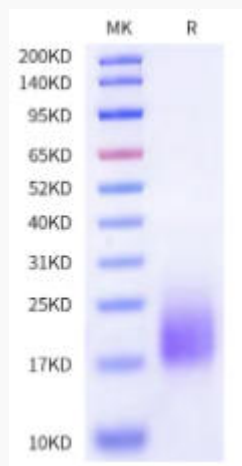
UniProt ID P09681

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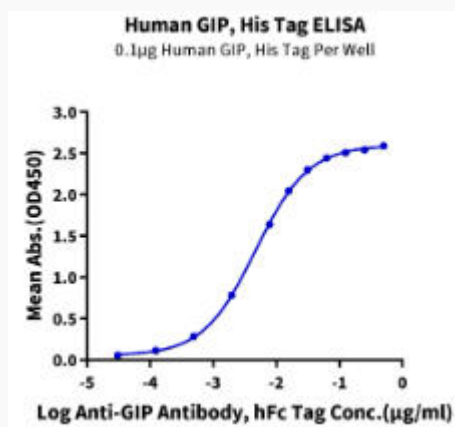
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Bis-Tris PAGE



ELISA Data



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