

Recombinant Human GIP protein, His-tagged

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	Glu22-Gln93
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GIP, His Tag at 1ug/ml (100ul/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

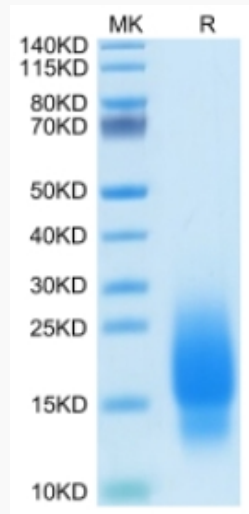
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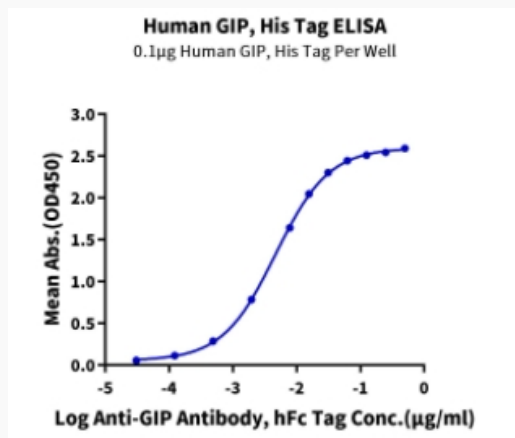
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Tris-Bis PAGE



ELISA Data



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