

Active Recombinant Human GCGR protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. GCGR-1495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human GCGR protein(P47871)(26-136 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-136 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human GCGR, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-GCGR Antibody, hFc Tag with the EC50 of 11.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 15.96 kDa. Due to glycosylation, the protein migrates to 30-50 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

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Storage	Store at -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.
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Reconstitution	Dissolve the lyophilized protein in distilled water.
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GENE INFORMATION

Gene Name	GCGR glucagon receptor [Homo sapiens]
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Official Symbol	GCGR
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Synonyms	GCGR; glucagon receptor; GGR; GL-R; FLJ97182; MGC138246;
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Gene ID	2642
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mRNA Refseq	NM_000160
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Protein Refseq	NP_000151
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MIM	138033
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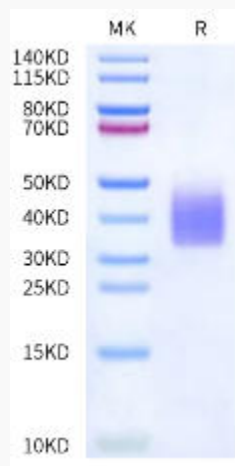
UniProt ID	P47871
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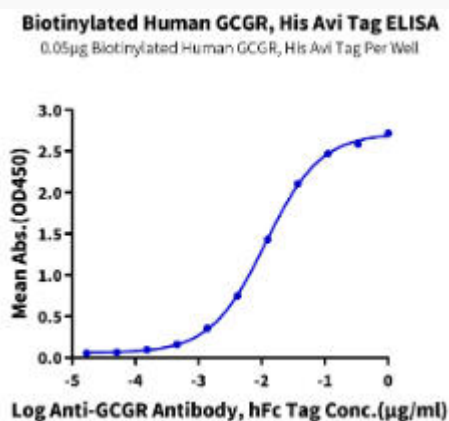
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Bis-Tris PAGE



ELISA Data



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