

Active Recombinant Human GCGR protein, Fc-tagged

Cat. No. GCGR-1494H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCGR protein(Ala26-Lys136), fused with Fc tag, was expressed in CHO .
Species	Human
Source	CHO
ProteinLength	26-136 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human GCGR Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-GCGR AntibodyHuman IgG4 with a linear range of 0.5-16 ng/mL. Immobilized Human GCGR Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-GCGR AntibodyHuman IgG2 with a linear range of 0.2-16 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 39.5 kDa. The protein migrates as 52-62 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala26-Lys136
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

GCGR glucagon receptor [Homo sapiens]

Official Symbol

GCGR

Synonyms

GCGR; glucagon receptor; GGR; GL-R; FLJ97182; MGC138246;

Gene ID

2642

mRNA Refseq

NM_000160

Protein Refseq

NP_000151

MIM

138033

UniProt ID

P47871

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