

Active Recombinant Human GCGR Full Length Transmembrane protein(Nanodisc)

Cat. No. GCGR-0947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCGR Full Length Transmembrane protein(P47871), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag GCGR-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GCGR-Nanodisc is 3.800ng/ml.
Molecular Mass	The human full length GCGR protein has a MW of 54.0 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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.

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Full Length

Full L.

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

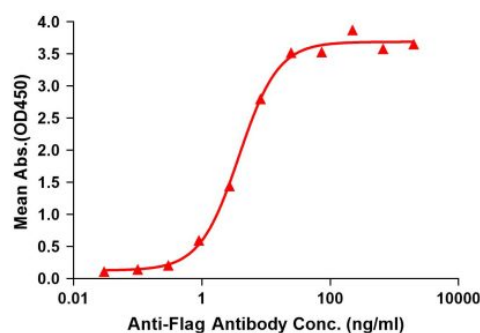
138033

UniProt ID

P47871

Activity

ELISA assay to evaluate GCGR-Nanodisc
0.2µg Human GCGR-Nanodisc per well

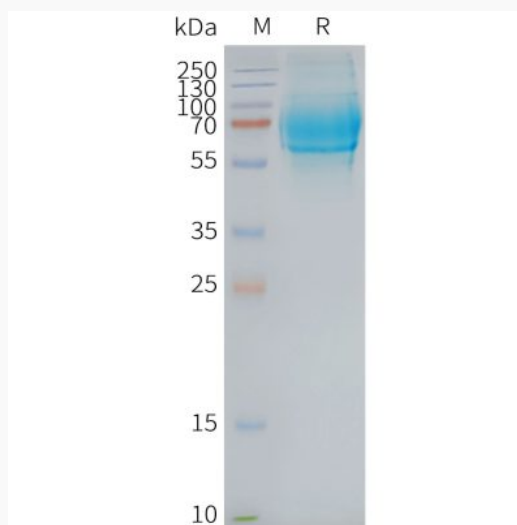


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SDS-PAGE



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