

## Recombinant Human GCGR protein, hFc-tagged

**Cat. No.** GCGR-1493H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GCGR protein(P47871)(Ala26-Lys136), fused with hFc tag, was expressed in HEK293.                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ala26-Lys136                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                    |
| <b>Molecular Mass</b>   | The protein has a predicted molecular mass of 39.2 kDa after removal of the signal peptide. The apparent molecular mass of GCGR-hFc is approximately 55-70 kDa due to glycosylation.                                                                |
| <b>Purity</b>           | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                |
| <b>Storage</b>          | 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. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

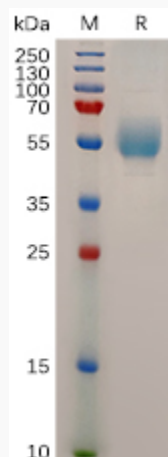
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| <b>Gene Name</b>       | GCGR glucagon receptor [ Homo sapiens ]                  |
| <b>Official Symbol</b> | GCGR                                                     |
| <b>Synonyms</b>        | GCGR; glucagon receptor; GGR; GL-R; FLJ97182; MGC138246; |
| <b>Gene ID</b>         | 2642                                                     |
| <b>mRNA Refseq</b>     | NM_000160                                                |
| <b>Protein Refseq</b>  | NP_000151                                                |
| <b>MIM</b>             | 138033                                                   |
| <b>UniProt ID</b>      | P47871                                                   |

## SDS-PAGE



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