

# Recombinant Human GCGR Protein, His&GST-tagged

**Cat. No.** GCGR-1571H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GCGR Protein (Ala26-Met137) with N-His&GST tag was expressed in E. coli.                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Ala26-Met137                                                                                                                                                                                                                                                    |
| <b>Description</b>      | The protein encoded by this gene is a glucagon receptor that is important in controlling blood glucose levels. Defects in this gene are a cause of non-insulin-dependent diabetes mellitus (NIDDM).                                                             |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 43.2 kDa<br>Accurate Molecular Mass: 45 kDa                                                                                                                                                                                           |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                      |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

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less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

GCGR glucagon receptor [ Homo sapiens (human) ]

**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

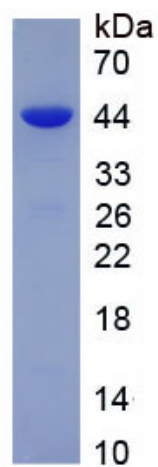
**UniProt ID**

P47871

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