

Recombinant Human GCGR Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GCGR Protein (Ala26-Met137) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala26-Met137
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.2 kDa Accurate Molecular Mass: 45 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

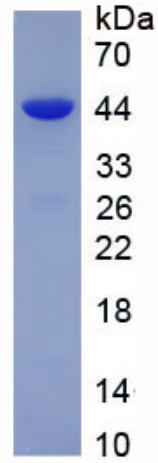
UniProt ID

P47871

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