

Datasheet for ABIN7583262

Glucagon Receptor Protein (GCGR) (AA 26-136) (His-Avi Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Glucagon Receptor (GCGR)
Protein Characteristics:	AA 26-136
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glucagon Receptor protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human GCGR/Glucagon receptor Protein
Sequence:	Ala26-Lys136
Characteristics:	Recombinant Human GCGR/Glucagon receptor Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Ala26-Lys136.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Glucagon Receptor (GCGR)
Alternative Name:	GCGR (GCGR Products)

Target Details

Background:	The pancreatic hormone glucagon activates the glucagon receptor (GCGR), a class B seven-transmembrane G protein-coupled receptor that couples to the stimulatory heterotrimeric G protein and provokes PKA-dependent signaling cascades vital to hepatic glucose metabolism and islet insulin secretion. The GCGR expressed at the plasma membrane is constitutively ubiquitinated and upon agonist-activation, internalized GCGRs are deubiquitinated at early endosomes and recycled via Rab4-containing vesicles.
Molecular Weight:	15.96 kDa. Due to glycosylation, the protein migrates to 30-50 kDa based on Tris-Bis PAGE result.
UniProt:	P47871
Pathways:	Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months