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Datasheet for ABIN7316843

GLP1R Protein (Biotin,His-Avi Tag)

Overview

Quantity:	200 µg
Target:	GLP1R
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLP1R protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human GLP1R Protein, His,Avitag™
Sequence:	Ala 21 - Glu 139
Characteristics:	Biotinylated Human GLP1R, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Ala 21 - Glu 139 (Accession # P43220-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	GLP1R
Alternative Name:	GLP1R (GLP1R Products)
Background:	Synonyms:GLP-1, GLP-1-R, GLP-1R, glucagon like peptide 1 receptor,Description:This gene encodes a 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone, which stimulates glucose-induced insulin secretion. This receptor, which

Target Details

functions at the cell surface, becomes internalized in response to GLP-1 and GLP-1 analogs, and it plays an important role in the signaling cascades leading to insulin secretion. It also displays neuroprotective effects in animal models. Polymorphisms in this gene are associated with diabetes. The protein is an important drug target for the treatment of type 2 diabetes and stroke.

Molecular Weight: 17.3 kDa

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [cAMP Metabolic Process](#), [Feeding Behaviour](#)

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 17.3 kDa. The protein migrates as 30-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C