

Active Recombinant Human GLP1R protein, His-Avi-tagged, Biotinylated

Cat. No. GLP1R-1485H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human GLP1R protein(Ala21-Glu139), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-139 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human GLP1R, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Anti-GLP-R1 Antibody with a linear range of 0.5-31 ng/mL.
Molecular Mass	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.
Proteinlength	Ala21-Glu139
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	GLP1R glucagon-like peptide 1 receptor [Homo sapiens]
Official Symbol	GLP1R
Synonyms	GLP1R; glucagon-like peptide 1 receptor; GLP-1R; GLP-1-R; GLP-1 receptor; MGC138331;
Gene ID	2740
mRNA Refseq	NM_002062
Protein Refseq	NP_002053
MIM	138032
UniProt ID	P43220

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