

Recombinant Human GLP1R Transmembrane protein, His&Flag-tagged(Nanodisc)

Cat. No. GLP1R-1934H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLP1R Transmembrane protein(P43220) (Arg24-Phe257 & Glu262-Lys437,thermostabilizing mutations) was expressed in HEK293, with a polyhistidine tag and Flag tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Arg24-Phe257 & Glu262-Lys437, thermostabilizing mutations
Form	Supplied as sterile 50 mM HEPES, 150 mM NaCl, pH 7.5.
Bio-activity	Immobilized Recombinant Human GLP1R-Nanodisc Protein at 5 µg/mL (100 µL/well) can bind Anti-GLP1R Monoclonal Antibody, Human IgG1, the EC50 is 2-8 ng/mL.
Molecular Mass	It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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.

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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