

Active Recombinant Human GLP1R Full Length Transmembrane protein, Strep&Flag-tagged(VLP)

Cat. No. GLP1R-1933H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GLP1R Full Length Transmembrane protein(P43220)(Arg24-Ser463) was expressed in HEK293, with a Flag tag at the N-terminus, and a strep tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Arg24-Ser463
Form	Supplied as sterile 50 mM Hepes, 150 mM NaCl, 10% Trehalose, pH 7.2.
Bio-activity	Immobilized Recombinant Human GLP1R-VLP Protein at 5 µg/mL (100 µL/well) can bind Anti-GLP1R Monoclonal antibody, Human IgG1, the EC50 is 1.5-4.5 ng/mL.
Molecular Mass	The recombinant Human GLP1R-VLP consisting of 491 amino acids and has a calculated molecular mass of 56.04 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
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 aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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