

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg24-Ser463
<b>Form</b>	Supplied as sterile 50 mM Hepes, 150 mM NaCl, 10% Trehalose, pH 7.2.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant Human GLP1R-VLP consisting of 491 amino acids and has a calculated molecular mass of 56.04 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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