

## Recombinant Human GLP1R protein, His&Myc-tagged

**Cat. No.** GLP1R-4643H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GLP1R protein(P43220)(24-145aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in HEK293.                                  |
| <b>Species</b>          | Human                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                             |
| <b>ProteinLength</b>    | 24-145aa                                                                                                                                                           |
| <b>Tag</b>              | N-His&C-Myc                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                                |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Human GLP1R at 2 µg/mL can bind Anti-GLP1R recombinant antibody, the EC50 is 54.54-94.23 ng/mL. |
| <b>Molecular Mass</b>   | 19.3 kDa                                                                                                                                                           |
| <b>Endotoxin</b>        | Less than 1.0 EU/ug as determined by LAL method.                                                                                                                   |
| <b>Purity</b>           | Greater than 95% as determined by SDS-PAGE.                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence** RPQGATVSLWETVQKWREYRRQCQRSLTEDPPPATDLFCNRTFDEYACWPDGEP  
GSFVNVSCPWYLPWASSVPQGHVYRFCTAEGLWLQKDNSSLPWRDLSECEESKR  
GERSSPEEQLLFLY

## 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

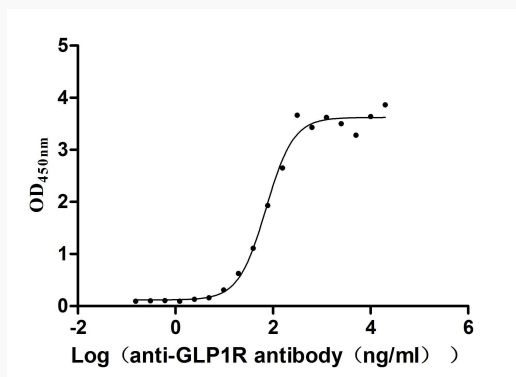
**UniProt ID** P43220

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## Activity



## SDS-PAGE

