# Recombinant Mouse GLP1R Protein, His-SUMO-tagged

**Cat. No.** GLP1R-1229M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse GLP1R Protein (22-145aa) was expressed in E. coli with N-terminal His-SUMO-tagged. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | 22-145 a.a. |
| **Description** | This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. |
| **Form** | Tris-based buffer, 50% glycerol. |
| **Molecular Mass** | 30.4 kDa |
| **AA Sequence** | GPRPQGTTVSLSETVQKWREYRRQCQRFLTEAPLLATGLFCNRTFDDYACWPDGP PGSFVNVSCPWYLPW ASSVLQGHVYRFCTAEGLWLHKDNSSLPWRDLSECEESKRGERNFPEEQLLSLY |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Storage** | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |

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## GENE INFORMATION

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|---|---|
| **Gene Name** | Glp1r glucagon-like peptide 1 receptor [ Mus musculus (house mouse) ] |
| **Official Symbol** | GLP1R |
| **Synonyms** | GLP1Rc; GLP1R; glucagon-like peptide 1 receptor; GLP-1R; GLP-1-R; GLP-1 receptor; MGC138331 |
| **Gene ID** | 14652 |
| **mRNA Refseq** | NM_021332.2 |
| **Protein Refseq** | NP_067307.2 |
| **UniProt ID** | O35659 |

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