# Recombinant Mouse Glucagon-like peptide 1 receptor (Glp1r), partial

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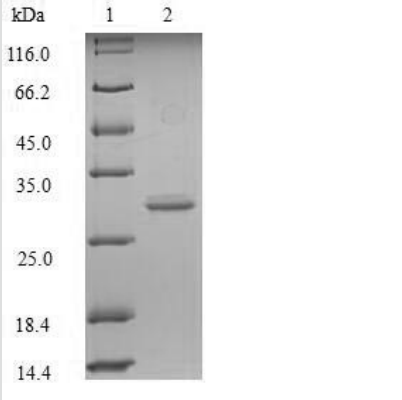
| **Product Code** | CSB-EP009514MO1 |
| **Relevance** | This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. |
| **Abbreviation** | Recombinant Mouse Glp1r protein, partial |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| **Uniprot No.** | O35659 |
| **Alias** | Short name: GLP-1 receptor Short name: GLP-1-R Short name: GLP-1R |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Mus musculus (Mouse) |
| **Purity** | ≥ 90% as determined by SDS-PAGE. |
| **Sequence** | GPRPQGTTVSLSETVQKWREYRRQCQRFLTEAPLLATGLFCNRTFDDYACW PDGPPGSFVNVSCPWYLPWASSVLQGHVYRFCTAEGLWLHKDNSSLPWRDL SECEESKRGERNFPEEQLLSLY |
| **Research Area** | Neuroscience |
| **Source** | E.coli |
| **Target Names** | Glp1r |
| **Expression Region** | 22-145aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | N-terminal 6xHis-SUMO-tagged |
| **Mol. Weight** | 30.4kDa |
| **Protein Length** | Extracellular Domain |
| **Image** | |




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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