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## Product Datasheet

### Recombinant Mouse Glucagon-like peptide 1 receptor (Glp1r), partial (Active) BYT-ORB2657875

|                            |                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Mouse Glucagon-like peptide 1 receptor (Glp1r), partial (Active)                                                                                                                                                       |
| Biozol Catalog Number      | BYT-ORB2657875                                                                                                                                                                                                                     |
| Supplier Catalog Number    | orb2657875                                                                                                                                                                                                                         |
| Alternative Catalog Number | BYT-ORB2657875-1,BYT-ORB2657875-100,BYT-ORB2657875-20                                                                                                                                                                              |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                            |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                   |
| Product Description        | This Recombinant Mouse Glucagon-like peptide 1 receptor (Glp1r), partial spans the amino acid sequence from region 22-145aa. Purity: Greater than 85% as determined by SDS-PAGE....                                                |
| Molecular Weight           | 15.8 kDa                                                                                                                                                                                                                           |
| UniProt                    | <a href="#">O35659</a>                                                                                                                                                                                                             |
| Buffer                     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Source                     | Mus musculus (Mouse)                                                                                                                                                                                                               |
| Purity                     | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| Form                       | Lyophilized powder                                                                                                                                                                                                                 |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | GPRPQGTTVSLSETVQKWREYRRQCQRFLTEAPLLATGLFCNRTFDDYACWP<br>DGPPGSFVNVSCPWYLPWASSVLQGHVYRFCTAEGLWLHKDNSSLPWRDLS<br>ECEESKRGERNFPEEQLLSLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes | <p>Biological Origin: Mus musculus (Mouse). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Mouse Glp1r at 2 µg/mL can bind Anti-GLP1R recombinant antibody. The EC50 is 141.7-172.4 ng/mL. Application Notes: 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</p> |