

# Recombinant Mouse Gipr protein, His-tagged

**Cat. No.** Gipr-4603M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Gipr protein(Q0P543)(19-134aa), fused with C-terminal His tag, was expressed in HEK293.                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                 |
| <b>ProteinLength</b>    | 19-134aa                                                                                                                                                               |
| <b>Tag</b>              | C-His                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4                                                                                                           |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Mouse Gipr at 2 µg/mL can bind Anti-Mouse Gipr Recombinant Antibody, the EC50 is 8.622-11.36 ng/ml. |
| <b>Molecular Mass</b>   | 14.7 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.                                                         |

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|                       |                                                                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | 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. |
| <b>AA Sequence</b>    | ETDSEGQTTTGELYQRWEHYGQECQKMLETTEPPSGLACNGSFDMYACWNYTAA<br>NTTARVSCPWYLPWFRQVSAGFVFRQCGSDGQWGSWRDHTQCENPEKNGAFQD<br>QTLILERLQ                                                                                                                                                                                       |

## GENE INFORMATION

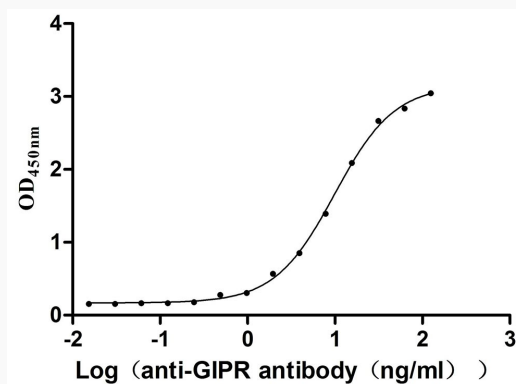
|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Gipr gastric inhibitory polypeptide receptor [ Mus musculus ]</a>                                               |
| <b>Official Symbol</b> | <a href="#">Gipr</a>                                                                                                        |
| <b>Synonyms</b>        | GIPR; gastric inhibitory polypeptide receptor; glucose-dependent insulinotropic polypeptide receptor; GIP-R; Gm160; Gm1081; |
| <b>Gene ID</b>         | <a href="#">381853</a>                                                                                                      |
| <b>mRNA Refseq</b>     | <a href="#">NM_001080815</a>                                                                                                |
| <b>Protein Refseq</b>  | <a href="#">NP_001074284</a>                                                                                                |

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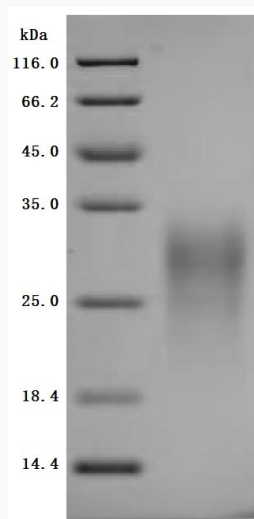
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## Activity



## SDS-PAGE



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