

## **PRODUCT INFORMATION**

| Target                          | GPRC5D   |
|---------------------------------|--|
| Synonyms                        | GPRC5D   |
| Description                     | Recombinant human GPRC5D protein with C-<br>terminal human Fc and 6×His tag  |
| Delivery                        | In Stock   |
| Uniprot ID                      | Q9NZD1   |
| <b>Expression Host</b>          | HEK293   |
| Tag                             | C-Human Fc and 6×His Tag   |
| Molecular<br>Characterization   | GPRC5D(Met1-Glu27) hFc(Glu99-Ala330) 6×His<br>tag  |
| Molecular Weight                | The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide.  |
| Purity                          | The purity of the protein is greater than 95% as<br>determined by SDS-PAGE and Coomassie blue<br>staining.   |
| Formulation &<br>Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 %<br>– 8% trehalose is added as protectants before<br>lyophilization. Please see Certificate of Analysis<br>for specific instructions of reconstitution.  |
| Storage & Shipping              | Store at -20°C to -80°C for 12 months in<br>lyophilized form. After reconstitution, if not<br>intended for use within a month, aliquot and store<br>at -80°C (Avoid repeated freezing and thawing).<br>Lyophilized proteins are shipped at ambient<br>temperature. |
| Background                      | The protein encoded by this gene is a member of<br>the G protein-coupled receptor family, however,<br>the specific function of this gene has not yet been<br>determined.   |
| Usage                           | Research use only  |
| Conjugate                       | Unconjugated   |
|                                 |  |



Human GPRC5D Protein, hFc-His Tag Cat. No. PME100066



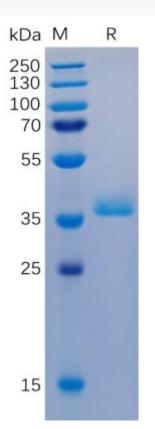
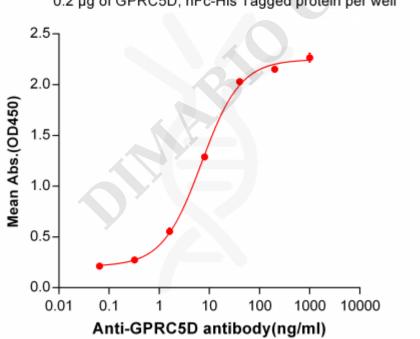


Figure 1. Human GPRC5D Protein, hFc-His Tag on SDS-PAGE under reducing condition.



## Human GPRC5D, hFc-His Tagged protein ELISA

0.2 µg of GPRC5D, hFc-His Tagged protein per well

Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human GPRC5D protein, hFc-His tagged protein (PME100066) can bind Anti-GPRC5D Antibody in a linear range of 0.32-40.0 ng/ml.

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