

## Recombinant Mouse Gprc5d Full Length Transmembrane protein, VLP

**Cat. No.** Gprc5d-1414M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Gprc5d protein(Q9JIL6-1)(Met1-Leu344) was expressed in HEK293.                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-Leu344                                                                                                                                                                         |
| <b>Tag</b>              | N/A                                                                                                                                                                                 |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4).Notice: If you need it for immunization, Do Not use any adjuvant.                                                              |
| <b>Bio-activity</b>     | Immobilized Mouse GPRC5D VLP (100µl/well) at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GPRC5D Antibody, hFc Tag with the EC50 of 5.7ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 39.90 kDa.                                                                                                                                        |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                             |
| <b>Purity</b>           | > 95% as determined by HPLC.                                                                                                                                                        |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-         |

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thaw cycles.

#### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Gprc5d G protein-coupled receptor, family C, group 5, member D [ *Mus musculus* ]

**Official Symbol** Gprc5d

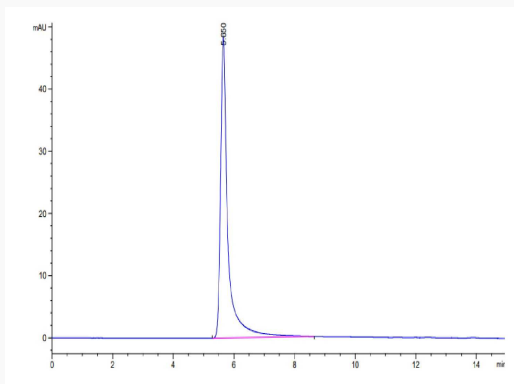
**Synonyms** GPRC5D; G protein-coupled receptor, family C, group 5, member D; G-protein coupled receptor family C group 5 member D;

**Gene ID** 93746

**mRNA Refseq** NM\_001205396

**Protein Refseq** NP\_001192325

#### SEC-HPLC

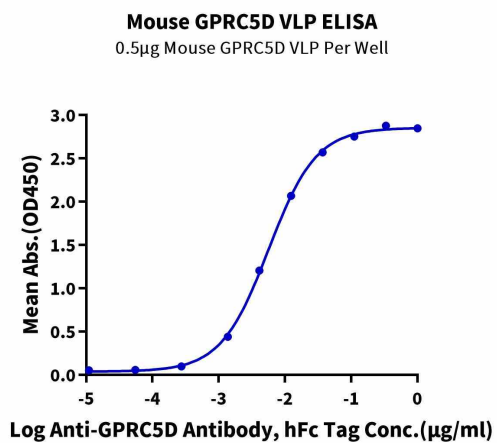


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## ELISA



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