

# Active Recombinant Human GPRC5D protein, His-Avi&Flag-tagged

**Cat. No.** GPRC5D-505H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human GPRC5D protein(Q9NZD1-2)(Tyr 2 - Phe 192 & Glu 197 - Leu 262), fused with two C-terminal tags, His tag and Avi tag and N-terminal Flag tag, was expressed from HEK293.                             |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Tyr 2 - Phe 192 & Glu 197 - Leu 262  |
| <b>Form</b>             | Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.   |
| <b>Bio-activity</b>     | Immobilized Biotinylated Human GPRC5D, His,Avitag&Flag Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Anti-GPRC5D Antibody, Human IgG4 with a linear range of 0.001-0.25 µg/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 53.5 kDa. The protein migrates as 35-40 kDa under reducing (R) condition (SDS-PAGE)   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.   |
| <b>Purity</b>           | >80% as determined by SDS-PAGE.  |

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**Storage**

Please avoid repeated freeze-thaw cycles.  
 This product is stable after storage at:  
 -20°C to -70°C for 12 months in lyophilized state;  
 -70°C for 3 months under sterile conditions after reconstitution.

**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 [ Homo sapiens ]

**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; orphan G-protein coupled receptor; MGC129713; MGC129714;

**Gene ID** 55507

**mRNA Refseq** NM\_018654

**Protein Refseq** NP\_061124

**MIM** 607437

**UniProt ID** Q9NZD1

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