

## Active Recombinant Human GPRC5D protein, His-Flag-tagged, FITC-Labeled(Nanodisc)

**Cat. No.** GPRC5D-639H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FITC-Labeled Recombinant Human GPRC5D protein(Q9NZD1-2)(Tyr 2 - Phe 192 & Glu 197 - Leu 262) is expressed from HEK293 with His tag and Flag tag.                                     |
| <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, pH7.5 with glycerol as protectant.                                                                                 |
| <b>Bio-activity</b>     | Immobilized FITC-Labeled Human GPRC5D Protein, Flag,His Tag at 5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human GPRC5D antibody, Human IgG4 with a linear range of 0.2-16 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 51.8 kDa. The protein migrates as 19-27 kDa, 36-37 kDa and 66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                           |
| <b>Purity</b>           | >80% as determined by SDS-PAGE.                                                                                                                                                      |
| <b>Storage</b>          | This product is stable after storage at:                                                                                                                                             |

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The product MUST be stored at -70°C or lower upon receipt;  
-70°C for 3 months under sterile conditions.

**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.

**Conjugation** FITC

## 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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