

# Active Fluorescent Recombinant Human GPRC5D Full Length Transmembrane protein, GFP-tagged(VLPs)

Cat. No. GPRC5D-5012H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Fluorescent Recombinant Human GPRC5D Full Length Transmembrane protein(VLPs)(Q9NZD1) (Met1-Val345) was expressed in HEK293. This protein carries a GFP tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Val345
<b>Form</b>	Supplied as sterile 50mM Hepes, 150mM NaCl, 10% Trehalose, pH 7.2.
<b>Bio-activity</b>	Immobilized Human GPRC5D-VLP (Full Length) Protein, Fluorescent at 5 µg/mL (100 µL/well) can bind Anti-Human GPRC5D Antibody, Human IgG1 the EC50 is 5-60ng/mL.
<b>Molecular Mass</b>	The recombinant human GPRC5D consists of 587 amino acids and has a predicted molecular mass of 65.81 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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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