

Active Recombinant Human GPRC5D protein, His&Flag-tagged, Biotinylated

Cat. No. GPRC5D-506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human GPRC5D protein(Q9NZD1-2)(Tyr 2 - Phe 192 & Glu 197 - Leu 262), fused with C-terminal His tag and N-terminal Flag tag, was expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr 2 - Phe 192 & Glu 197 - Leu 262
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Bio-activity	Immobilized Human GPRC5D, Flag,His Tag at 10 µg/mL (100 µL/well) on an Nickel Coated plate can bind Anti-GPRC5D antibody with a linear range of 2-78 ng/mL.
Molecular Mass	The protein has a calculated MW of 51.8 kDa. The protein migrates as 35-38 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>85% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles.

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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.

Conjugation

Biotin

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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