

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

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

SPECIFICATION

Product Overview	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.
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 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.
Molecular Mass	The protein has a calculated MW of 53.5 kDa. The protein migrates as 35-40 kDa under reducing (R) condition (SDS-PAGE)
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>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.
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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.
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GENE INFORMATION

Gene Name	GPRC5D G protein-coupled receptor, family C, group 5, member D [Homo sapiens]
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Official Symbol	GPRC5D
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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;
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Gene ID	55507
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mRNA Refseq	NM_018654
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Protein Refseq	NP_061124
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MIM	607437
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UniProt ID	Q9NZD1
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