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

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

SPECIFICATION

Product Overview	Fluorescent Recombinant Human GPRC5D Full Length Transmembrane protein(VLPs)(Q9NZD1) (Met1-Val345) was expressed in HEK293. This protein carries a GFP tag.
Species	Human
Source	HEK293
ProteinLength	Met1-Val345
Form	Supplied as sterile 50mM Hepes, 150mM NaCl, 10% Trehalose, pH 7.2.
Bio-activity	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.
Molecular Mass	The recombinant human GPRC5D consists of 587 amino acids and has a predicted molecular mass of 65.81 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Storage	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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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