

Active Recombinant Human GPRC5D Full Length Transmembrane protein(Nanodisc)

Cat. No. GPRC5D-4902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPRC5D Full Length Transmembrane protein(Q9NZD1), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were added with Flag Tag GPRC5D-Nanodisc (0.5µg/per well) on an anti-Flag monoclonal antibody pre-coated (0.5µg/per well) plate. Serial diluted anti-GPRC5D monoclonal antibody (DME100090) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-GPRC5D monoclonal antibody binding with GPRC5D-Nanodisc is 32.86ng/ml.
Molecular Mass	The human full length GPRC5D Protein has a MW of 38.6 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Full Length Full L.

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

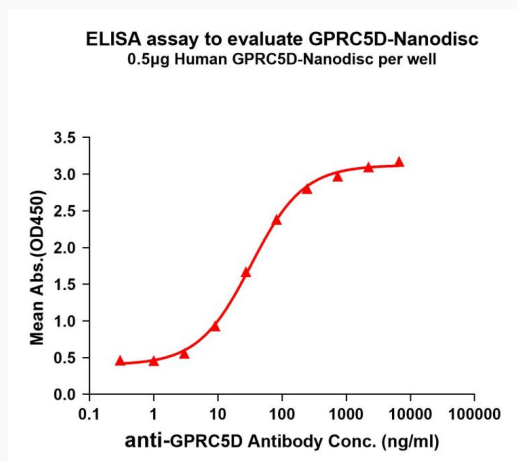
UniProt ID Q9NZD1

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Activity



SDS-PAGE

