

PRODUCT INFORMATION

Target GPRC5D **Synonyms** N/A

Description Human GPRC5D full length protein-MNP

Delivery In Stock **Uniprot ID** O9NZD1 **Expression Host HEK293 Protein Families GPCR** N/A **Protein Pathways**

The human full length GPRC5D Protein has a MW **Molecular Weight**

of 38.6 kDa

Lyophilized from PBS. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the G protein-coupled receptor family. Recent studies demonstrate that GPRC5D is expressed on malignant bone marrow plasma cells, whereas normal tissue expression is limited to the hair

follicle. It may represent a potential target for effector-cell-mediated therapy to treat plasma-

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cell disorders like MM.

Usage Research use only

Conjugate Unconjugated

Background





ELISA assay to evaluate GPRC5D-MNP 0.5µg Human GPRC5D-MNP per well

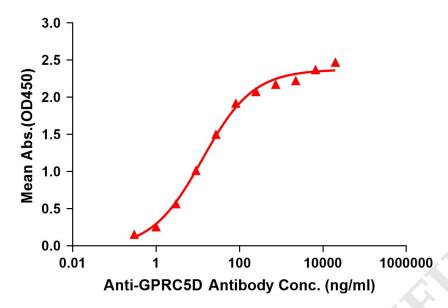


Figure 1. Elisa plates were pre-coated with $0.5\mu g/per$ well purified human GPRC5D full length membrane nanoparticles. Serial diluted anti-GPRC5D monoclonal antibody (DME100090) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-GPRC5D monoclonal antibody binding with GPRC5D full length membrane nanoparticles is 13.00ng/ml.

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