PRODUCT INFORMATION

Target	GPRC5D
Synonyms	N/A
Description	Human GPRC5D full length protein-MNP
Delivery	In Stock
Uniprot ID	Q9NZD1
Expression Host	HEK293
Protein Families	GPCR
Protein Pathways	N/A
Molecular Weight	The human full length GPRC5D Protein has a MW of 38.6 kDa
Formulation & Reconstitution	Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
Background	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-cell disorders like MM.
Usage	Research use only
Conjugate	Unconjugated

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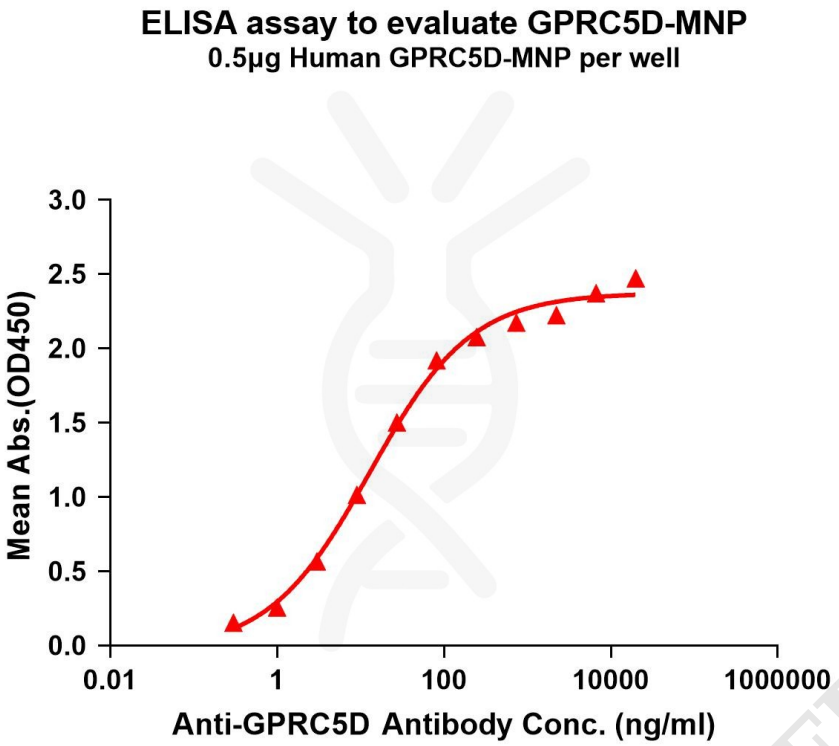


Figure1. Elisa plates were pre-coated with 0.5μg/per well purified human GPRC5D full length membrane nanoparticles. Serial diluted anti-GPRC5D monoclonal antibody (DME100090) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-GPRC5D monoclonal antibody binding with GPRC5D full length membrane nanoparticles is 13.00ng/ml.

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