

## **PRODUCT INFORMATION**

iable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-woocommerce-print-products-public.php on line 2806 Tag

FEX; GPR49; GPR67; GRP49; HG38

Human LGR5 full length protein-synthetic nanodisc

Delivery Uniprot ID 075473 HEK293 **Expression Host** 

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length LGR5 protein has a MW of 100.0 kDa

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 of reconstitution. Formulation & Reconstitution

Storage & Shipping

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. 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. The protein is a leucline-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Whit signaling pathway. This protein plays a role in the formation and for this gene. The encoded protein standard is the receptor for R-spondins and is involved in the canonical Whit signaling pathway. This protein plays a role in the formation and for this gene. Research use only

Conjugate Unconjugated

## ELISA assay to evaluate LGR5-Nanodisc 0.2µg Human LGR5-Nanodisc per well

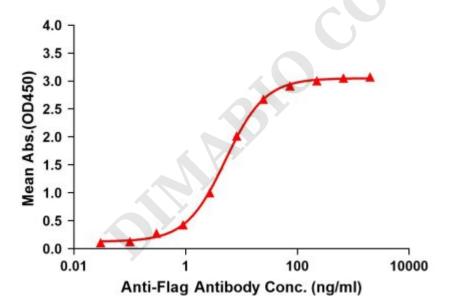


Figure 1. Elisa plates were pre-coated with Flag Tag LGR5-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with LGR5-Nanodisc is 5.199ng/ml.



Email: info@dimabio.com Website: www.dimabio.com





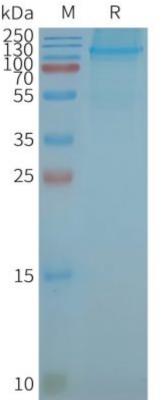


Figure 2. Human LGR5-Nanodisc, Flag Tag on SDS-PAGE



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