

PRODUCT INFORMATION

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

FKSG78; GPR95; KPG_002

Human GPR87 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID O9BY21 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length GPR87 protein has a MW of 41.4 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 Formulation & Reconstitution yopmization. Hease see Letrincate or Analysis for 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. This protein is a G protein-coupled receptor and is located in a cluster of G protein-couple receptor genes on chromosome 3. The protein has been shown to be overexpressed in lung squamous cell carcinoma and regulated by p53. Storage & Shipping

Background

Research use only Conjugate Unconjugated

ELISA assay to evaluate GPR87-Nanodisc 0.2µg Human GPR87-Nanodisc per well

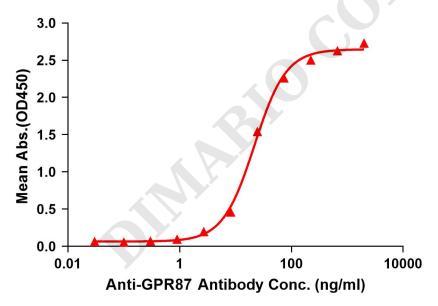
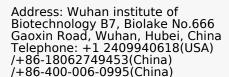


Figure 1. Elisa plates were pre-coated with Flag Tag GPR87-Nanodisc (0.2µg/per well). Serial diluted anti-GPR87 monoclonal antibody (DMC100478) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-GPR87 monoclonal antibody binding with GPR87-Nanodisc is 21.83ng/ml.

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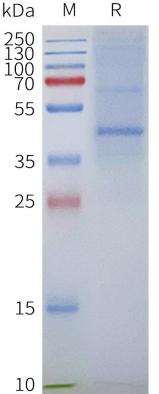


Figure 2. Human GPR87-Nanodisc, Flag Tag on SDS-PAGE



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