

PRODUCT INFORMATION

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimablo.com\wp-content\plugins\woocommerce-print-productSpublic\class-woocommerce-print-products-public.php on line 2806 C-flag Tag Tag

BFPP; BPPR; GPR56; TM7LN4; TM7XN1

Human ADGRG1 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID O9Y653 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length ADGRG1 protein has a MW of 77.7 kDa

Formulation & Reconstitution

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.

Storage & Shipping

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, for intended for use within a month, aliquot and store at -80°C(Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

A member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontopartical polymicrogyria.

Research use only

Usage Conjugate Unconjugated

ELISA assay to evaluate ADGRG1-Nanodisc 0.2µg Human ADGRG1-Nanodisc per well

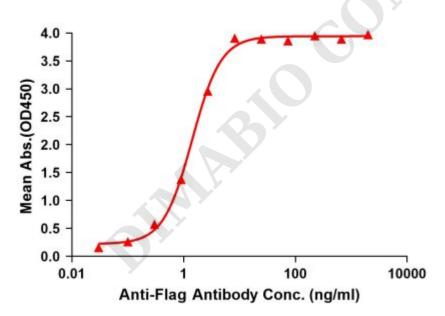


Figure 1. Elisa plates were pre-coated with Flag Tag ADGRG1-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADGRG1-Nanodisc is 1.419ng/ml.

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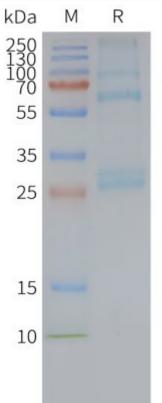
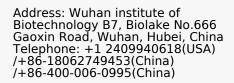


Figure 2. Human ADGRG1-Nanodisc, Flag Tag on SDS-PAGE



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