

PRODUCT INFORMATION

Warning: Undefined variable ShasAttributeValueDescription in C:\u00e4wwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 C-flag Tag Tag

CD97; CD312; EMR2; VBU

Human ADGRE2 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID 09ИНХЗ Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Background

Molecular Weigh The human full length ADGRE2 protein has a MW of 90.5 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 Jophilized form. After reconstitution, in ton 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 gene encodes a member of the class B seven-span transmembrane (TMI) subdamily of G-protein coupled receptors. These proteins are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor-like domains coupled to a TMI domain via a muticn-like spacer domain. The encoded protein is expressed mainly in myeloid cells where it promotes cell-cell adhesion through interaction with chondrolin sulfate chains. This gene is situated in a cluster of related genes on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Usage Research use only Unconjugated

ELISA assay to evaluate ADGRE2-Nanodisc 0.2µg Human ADGRE2-Nanodisc per well

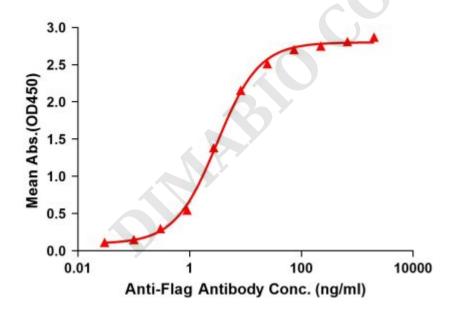


Figure 1. Elisa plates were pre-coated with Flag Tag ADGRE 2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADGRE2-Nanodisc is 3.100ng/ml.



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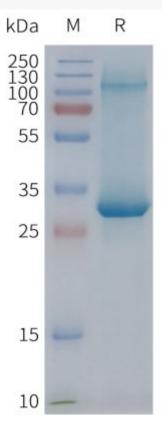


Figure 2. Human ADGRE2-Nanodisc, Flag Tag on SDS-PAGE



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