

PRODUCT INFORMATION

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

C5L2; GPF77; GPR77

Human C5AR2 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID O9P296 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length C5AR2 protein has a MW of 36.1 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

lyophilization. Please see Letrincate or Analysis for specinic instructions of reconstitution. Store at 2-0°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.

A G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor. This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Research use only

Usage Conjugate Unconjugated

ELISA assay to evaluate C5AR2-Nanodisc 0.2µg Human C5AR2-Nanodisc per well

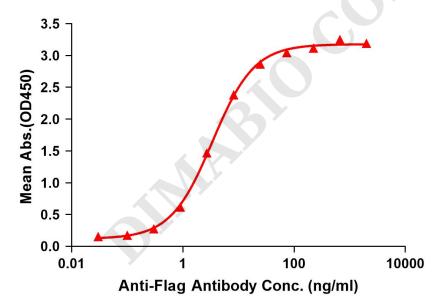


Figure 1. Elisa plates were pre-coated with Flag Tag C5AR2-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with C5AR2-Nanodisc is 3.415 ng/ml.



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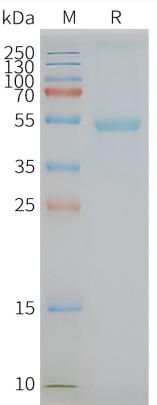


Figure 2. Human C5AR2-Nanodisc, Flag Tag on SDS-PAGE



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