

## **PRODUCT INFORMATION**

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

Tag

CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R Human PLA2R1 full length protein-synthetic nanodisc

Delivery Uniprot ID 013018 Expression Host HEK293

Protein Families Druggable Genome, Transmembrane

Protein Pathways

Molecular Weigh The human full length PLA2R1 protein has a MW of 168.6 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

Store at -20°C to -80°C for I2 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 phospholipase AZ receptor. The protein likely exists as both a transmembrane form and a soluble form. The transmembrane receptor may play a role in clearance of phospholipase AZ, thereby inhibiting its action. Polymorphisms at this locus have been associated with susceptibility to idiopathic membranous nephropathy. Alternatively spliced transcript variants encoding different isoforms have been identified.

Research use only Usage Conjugate Unconjugated

## ELISA assay to evaluate PLA2R1-Nanodisc 0.2µg Human PLA2R1-Nanodisc per well

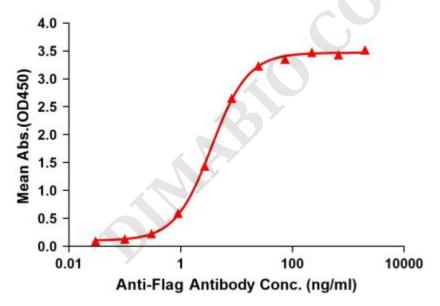


Figure 1. Elisa plates were pre-coated with Flag Tag PLA2R1-Nanodisc ( $0.2\mu g/per$  well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PLA2R1-Nanodisc is 3.595ng/ml.

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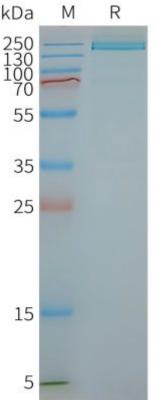


Figure 2. Human PLA2R1-Nanodisc, Flag Tag on SDS-PAGE



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