Human CD36 full length protein-synthetic nanodisc

Cat. No. FLP100044

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag Tag
Target	CD36
Synonyms	BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3
Description	Human CD36 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	P16671
Expression Host	HEK293
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Adipocytokine signaling pathway, ECM-receptor interaction, Hematopoietic cell lineage, PPAR signaling pathway
Molecular Weight	The human full length CD36 protein has a MW of 53.1 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
Storage&Shipping	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.
Background	The protein is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants have been found for this gene.
Usage	Research use only
Conjugate	Unconjugated

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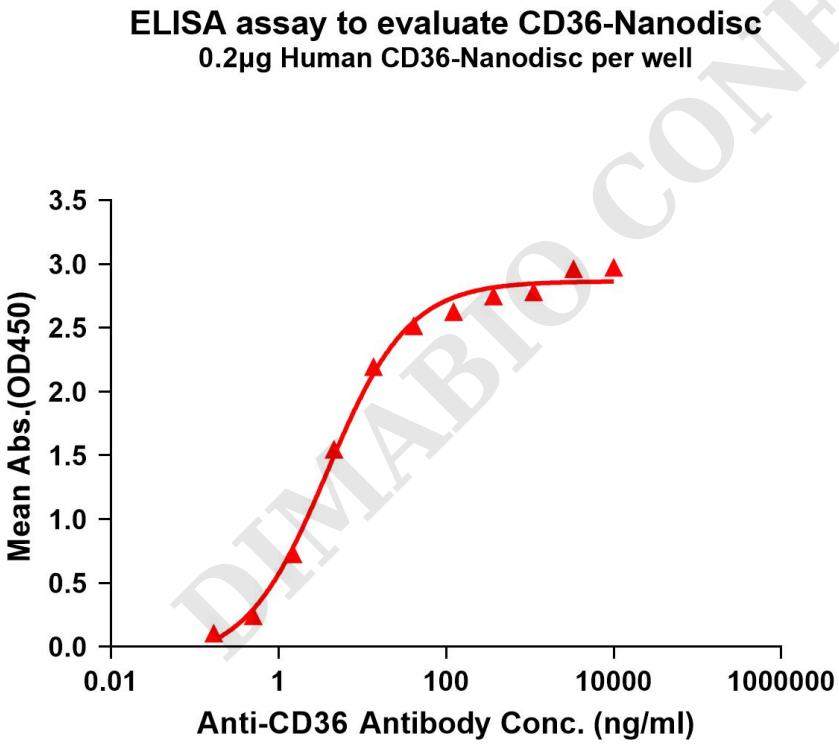


Figure 1. Elisa plates were pre-coated with Flag Tag CD36-Nanodisc (0.2μg/per well). Serial diluted anti-CD36 monoclonal antibody (DMC100273) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CD36 monoclonal antibody binding with CD36-Nanodisc is 3.826ng/ml.

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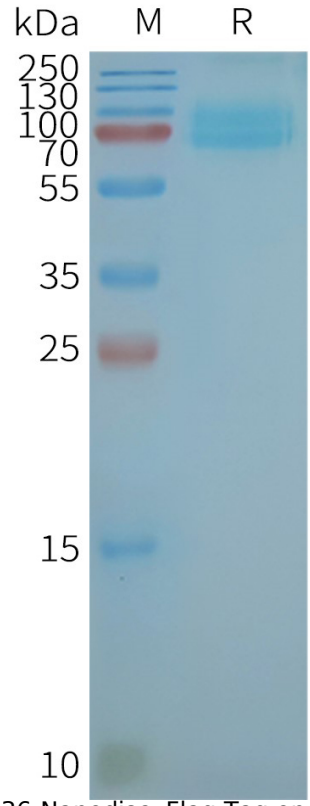


Figure 2. Human CD36-Nanodisc, Flag Tag on SDS-PAGE

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