

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

CD294; CRTH2; DL1R; DP2; GPR44

Human PTGDR2 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID O9Y5Y4 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length PTGDR2 protein has a MW of 43.3 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 IZ months in Joynhized form. After acconstitution, 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. The protein is a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein is a prostaglandin D2 receptor that mediates the pro-inflammatory chemotaxis of eosinophils, basophils, and Th2 lymphocytes generated during allergic inflammation. Single nucleotide polymorphisms in the 3' UTR of this gene have been associated with asthma susceptibility.

Research use only Usage Conjugate Unconjugated

ELISA assay to evaluate PTGDR2-Nanodisc 0.2µg Human PTGDR2-Nanodisc per well

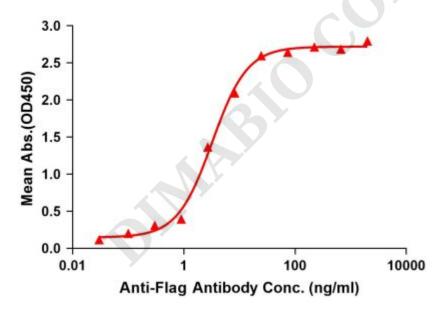


Figure 1. Elisa plates were pre-coated with Flag Tag PTGDR2-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PTGDR2-Nanodisc is 3.249ng/ml.

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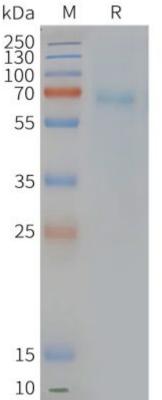


Figure 2. Human PTGDR2-Nanodisc, Flag Tag on SDS-PAGE



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