

HUMAN PTGDR2 FULL LENGTH PROTEIN

目录: 11106

产品名称: Human PTGDR2 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: CD294; CRTH2; DLIR; DP2; GPR44

Target: PTGDR2

UNIPROT ID: Q9Y5Y4

描述: Human PTGDR2 Full Length Protein-Synthetic Nanodisc

背景: 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.

Species/Host: HEK293

Molecular Weight: The human full length PTGDR2 protein has a MW of 43.3 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.

储存和运输: 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.

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: N/A

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

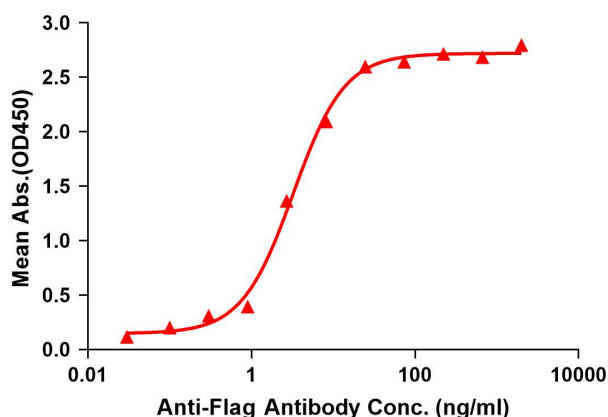


Figure 1. Elisa plates were pre-coated with Flag Tag PTGDR2-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with PTGDR2-Nanodisc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



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