

HUMAN ADGRD1 FULL LENGTH PROTEIN

目录: 11108

产品名称: Human ADGRD1 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: GPR133; PGR25

Target: ADGRD1

UNIPROT ID: Q6QNK2

描述: Human ADGRD1 Full Length Protein-Synthetic Nanodisc

背景: The adhesion G-protein-coupled receptors (GPCRs), including GPR133, are membrane-bound proteins with long N termini containing multiple domains. GPCRs, or GPRs, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

Species/Host: HEK293

Molecular Weight: The human full length ADGRD1 protein has a MW of 96.5 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, Transmembrane

Protein Pathways: N/A

ELISA assay to evaluate ADGRD1-Nanodisc 0.2µg Human ADGRD1-Nanodisc per well

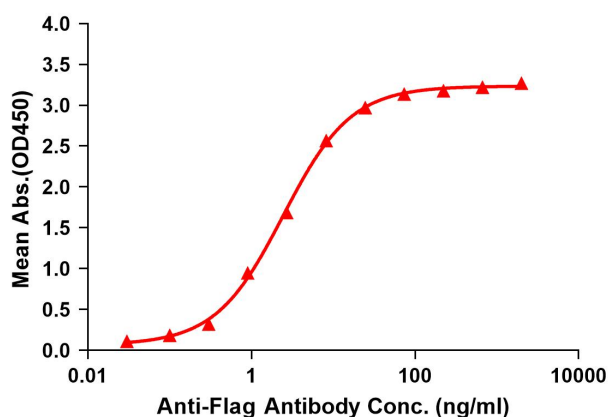


Figure 1. Elisa plates were pre-coated with Flag Tag ADGRD1-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with ADGRD1-Nanodisc is 2.450ng/ml.



Figure 2. Human ADGRD1-Nanodisc, Flag Tag on SDS-PAGE