

## HUMAN GPR84 FULL LENGTH PROTEIN

目录: 11110

产品名称: Human GPR84 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: EX33; GPCR4

Target: GPR84

UNIPROT ID: Q9NQS5

描述: Human GPR84 Full Length Protein-Synthetic Nanodisc

背景: Receptor for medium-chain free fatty acid (FFA) with carbon chain lengths of C9 to C14. Capric acid (C10:0), undecanoic acid (C11:0) and lauric acid (C12:0) are the most potent agonists. Not activated by short-chain and long-chain saturated and unsaturated FFAs. Activation by medium-chain free fatty acid is coupled to a pertussis toxin sensitive G(i/o) protein pathway. May have important roles in processes from fatty acid metabolism to regulation of the immune system.

Species/Host: HEK293

Molecular Weight: The human full length GPR84 protein has a MW of 43.7 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 GPR84-Nanodisc**  
0.2µg Human GPR84-Nanodisc per well

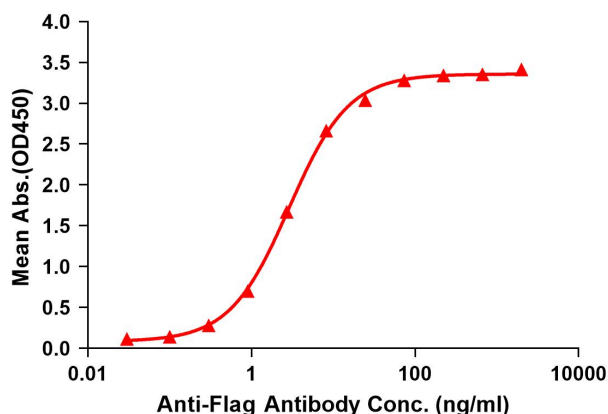


Figure 1. Elisa plates were pre-coated with Flag Tag GPR84-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with GPR84-Nanodisc is 2.893ng/ml.



Figure 2. WB analysis of Human GPR84-Nanodisc with Flag monoclonal antibody at 1/5000 dilution, followed by Goat Rabbit IgG HRP at 1/5000 dilution