

HUMAN GLP2R FULL LENGTH PROTEIN

目录: 11094

产品名称: Human GLP2R Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: GLP-2-R; GLP-2R

Target: GLP2R

UNIPROT ID: O95838

描述: Human GLP2R Full Length Protein-Synthetic Nanodisc

背景: A G protein-coupled receptor that is closely related to the glucagon receptor and binds to glucagon-like peptide-2 (GLP2). Signalling through GLP2 stimulates intestinal growth and increases villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis.

Species/Host: HEK293

Molecular Weight: The human full length GLP2R protein has a MW of 63.0 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: Neuroactive ligand-receptor interaction

ELISA assay to evaluate GLP2R-Nanodisc 0.2µg Human GLP2R-Nanodisc per well

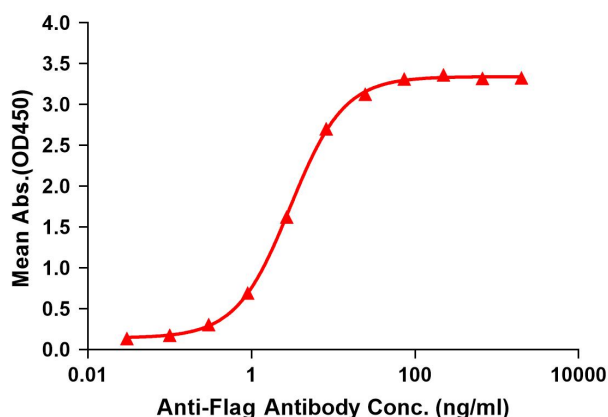


Figure 1. Elisa plates were pre-coated with Flag Tag GLP2R-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with GLP2R-Nanodisc is 2.975ng/ml.

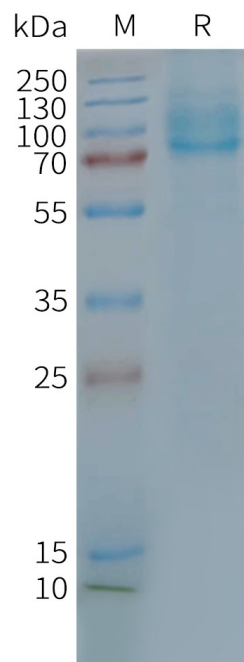


Figure 2. Human GLP2R-Nanodisc, Flag Tag on SDS-PAGE