HUMAN GLP2R FULL LENGTH PROTEIN

Cat.#: 11094
Product Name: Human GLP2R Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: GLP-2-R; GLP-2R
Target: GLP2R
UNIPROT ID: O95838
Description: Human GLP2R Full Length Protein-Synthetic Nanodisc
Background: 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.
Storage & Shipping: 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

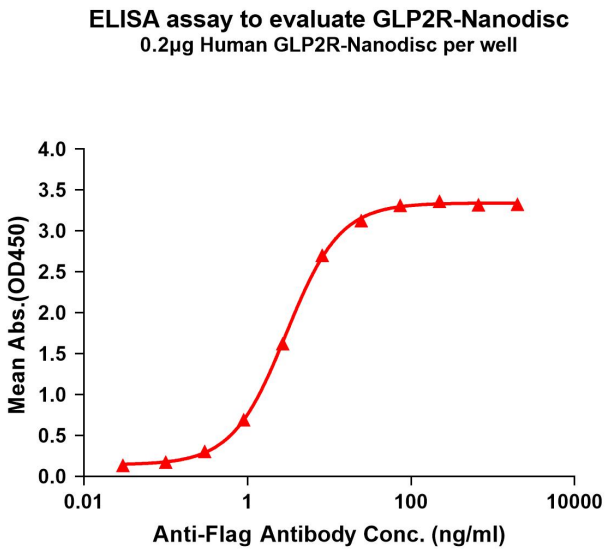

Figure 1. Elisa plates were pre-coated with Flag Tag GLP2R-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GLP2R-Nanodisc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

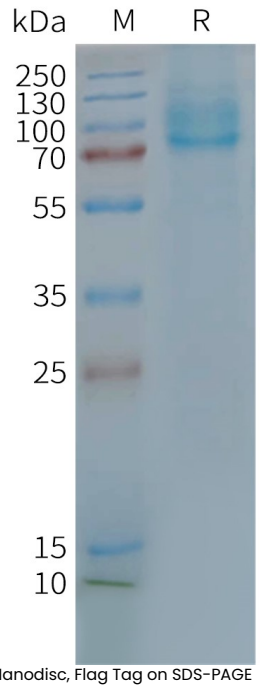

Figure 2. Human GLP2R-Nanodisc, Flag Tag on SDS-PAGE

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