

HUMAN GPR75 FULL LENGTH PROTEIN

目录: 11014

产品名称: Human GPR75 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GPRchr2; WI31133

Target: GPR75

UNIPROT ID: O95800

描述: Human GPR75 full length protein-synthetic nanodisc

背景: G protein-coupled receptor that is activated by the chemokine CCL5/RANTES. Probably coupled to heterotrimeric Gq proteins, it stimulates inositol trisphosphate production and calcium mobilization upon activation. Together with CCL5/RANTES, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. CCL5/RANTES may also regulate insulin secretion by pancreatic islet cells through activation of this receptor.

Species/Host: HEK293

Molecular Weight: The human full length GPR75 protein has a MW of 59.4 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.

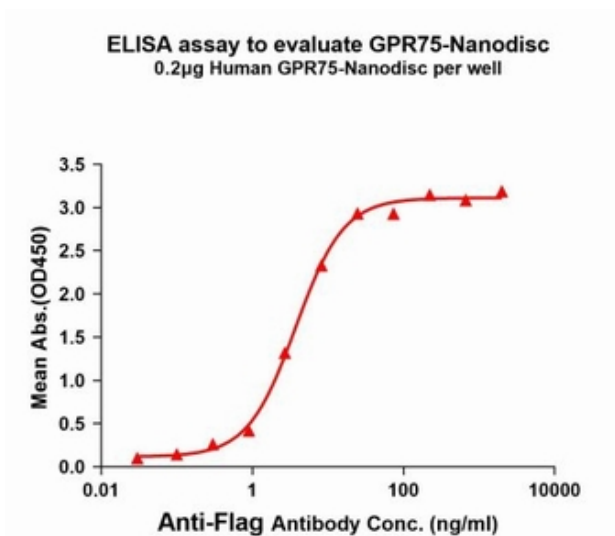


Figure1. Elisa plates were pre-coated with Flag Tag GPR75-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with GPR75-Nanodisc is 3.747ng/ml.

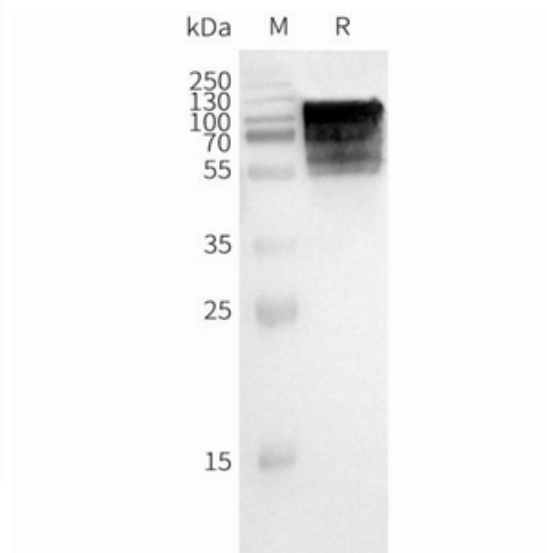


Figure2. WB analysis of Human GPR75-Nanodisc with Flag monoclonal antibody at 1/5000 dilution, followed by Goat Rabbit IgG HRP at 1/5000 dilution