

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN GPR75 FULL LENGTH PROTEIN

Cat.#: 11014 Product Name: Human GPR75 Full Length Protein Size: 10 µg, 50 µg and 100 µg Synonyms: GPRchr2; WI31133 Target: GPR75 UNIPROT ID: 095800 Description: Human CPP75 full length protein-ovn

Description: Human GPR75 full length protein-synthetic nanodisc

Background: 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

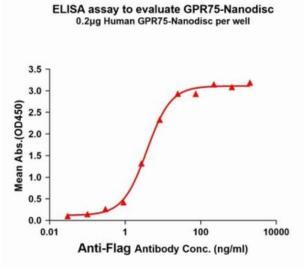
Molecular Weight: The human full length GPR75 protein has a MW of 59.4 kDa **Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

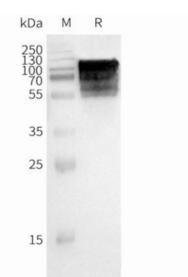
Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010





Figurel. Elisa plates were pre-coated with Flag Tag GPR75-Nanodisc (0.2 µg/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 GPR75-Nanodisc is 3.747ng/ml.

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