HUMAN F2RL3 FULL LENGTH PROTEIN

Cat.#: 11095
Product Name: Human F2RL3 Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: PAR4
Target: F2RL3
UNIPROT ID: Q96RI0
Description: Human F2RL3 Full Length Protein-Synthetic Nanodisc
Background: A member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This receptor plays a role in blood coagulation, inflammation and response to pain. Hypomethylation at this gene may be associated with lung cancer in human patients.
Species/Host: HEK293
Molecular Weight: The human full length F2RL3 protein has a MW of 41.1 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

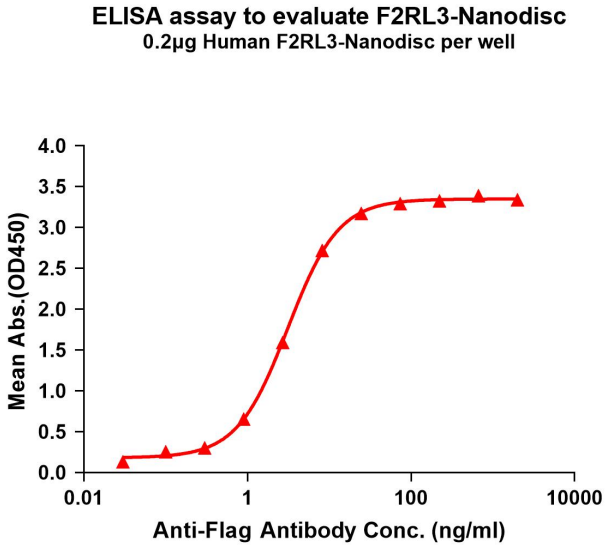

Figure 1. Elisa plates were pre-coated with Flag Tag F2RL3-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with F2RL3-Nanodisc is 3.115ng/ml.

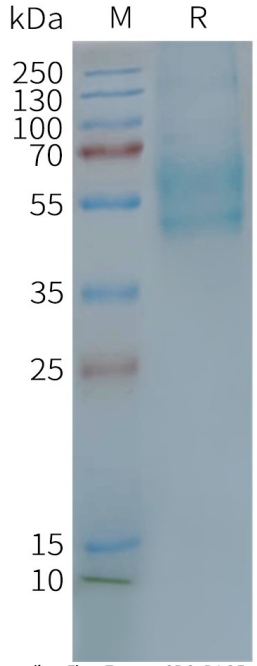

Figure 2. Human F2RL3-Nanodisc, Flag Tag on SDS-PAGE