

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Expression Host | HEK293 |
| Target | F2RL3 |
| Synonyms | PAR4 |
| Description | Human F2RL3 full length protein-synthetic nanodisc |
| Uniprot ID | Q96RI0 |
| Protein Families | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways | Neuroactive ligand-receptor interaction |
| Molecular Weight | The human full length F2RL3 protein has a MW of 41.1 kDa |
| Delivery | In Stock |
| 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. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| 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. |
| 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



ELISA assay to evaluate F2RL3-Nanodisc 0.2 μ g Human F2RL3-Nanodisc per well

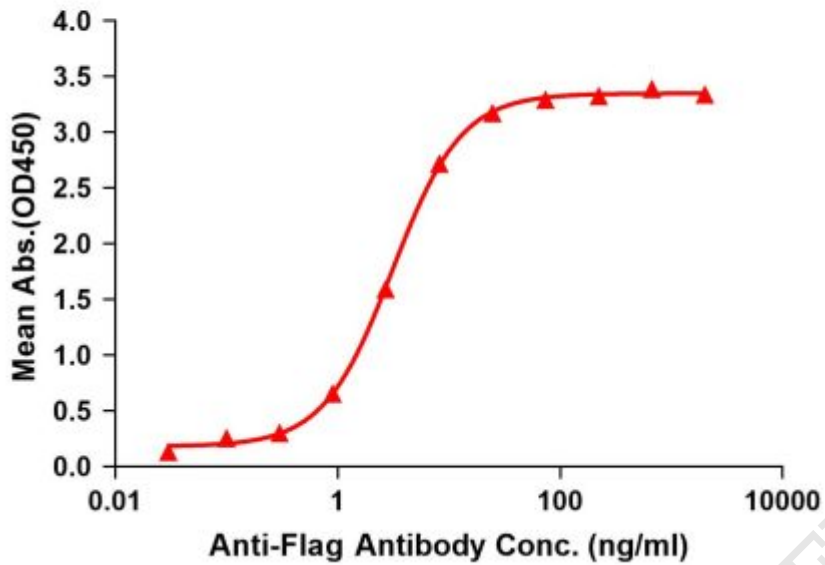


Figure1. Elisa plates were pre-coated with Flag Tag F2RL3-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with F2RL3-Nanodisc is 3.115ng/ml.



Figure2. Human F2RL3-Nanodisc, Flag Tag on SDS-PAGE

