

PRODUCT INFORMATION

C-Flag Tag Tag F2RL2 **Target**

PAR-3; PAR3 **Synonyms**

Human F2RL2 full length protein-synthetic **Description**

nanodisc **Delivery** In Stock **Uniprot ID** 000254 **Expression Host HEK293**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Neuroactive ligand-receptor interaction

The human full length F2RL2 protein has a MW of **Molecular Weight**

42.5 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

A member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and

activation of the protease-activated receptor family member PAR4. The encoded protein plays an essential role in hemostasis and thrombosis.

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Usage Research use only Conjugate Unconjugated

Background





ELISA assay to evaluate F2RL2-Nanodisc 0.2µg Human F2RL2-Nanodisc per well

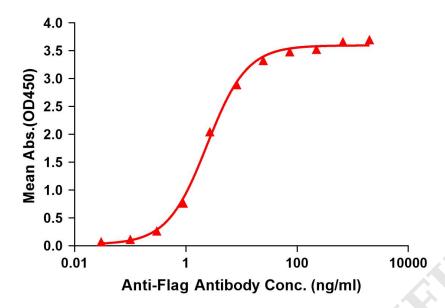


Figure 1. Elisa plates were pre-coated with Flag Tag F2RL2-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with F2RL2-Nanodisc is 2.410ng/ml.

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Figure 2. Human F2RL2-Nanodisc, Flag Tag on SDS-PAGE