

PRODUCT INFORMATION

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Tag

FMLP; FPR

Human FPR1-Strep full length protein-synthetic nanodisc In Stock

Delivery Uniprot ID P21462 HEK293 **Expression Host** Protein Families

Druggable Genome, GPCR, Transmembrane Protein Pathways Neuroactive ligand-receptor interaction

Molecular Weigh The human full length FPR1-Strep protein has a MW of 38.4 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 lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution Storage & Shipping

syopimization. Please see Centricate or Analysis on Speciment instructions to 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.

A G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation. Background

Research use only Conjugate Unconjugated

ELISA assay to evaluate FPR1-Strep-Nanodisc 0.2µg Human FPR1-Strep-Nanodisc per well

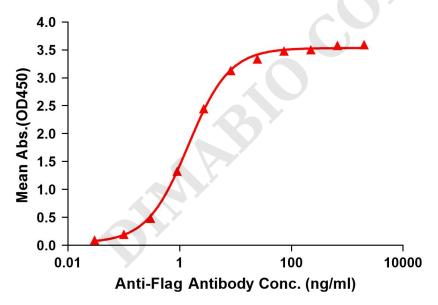


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag FPR1-Strep-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FPR1-Strep-nanodisc is 1.425ng/ml.

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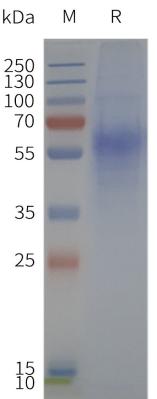


Figure 2. Human FPR1-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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