

PRODUCT INFORMATION

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Tag

Human GPR15-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P49685 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length GPR15-Strep protein has a MW of 40.8 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 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.

A G protein-coupled receptor that acts as a chemokine receptor for human immunodeficiency virus type 1 and 2. Storage & Shipping

Background

Research use only Conjugate Unconjugated

ELISA assay to evaluate GPR15-Strep-Nanodisc 0.2µg Human GPR15-Strep-Nanodisc per well

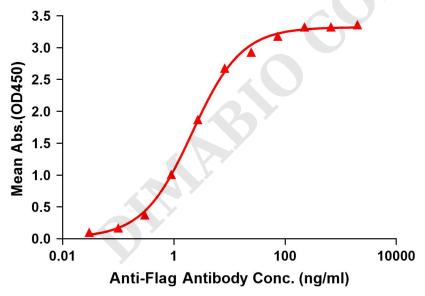


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag GPR15-Strep-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GPR15-Strep-nanodisc is 2.145ng/ml.

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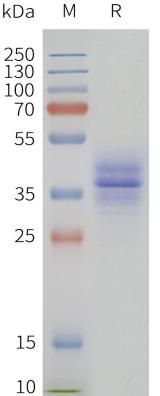
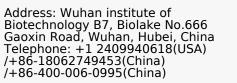


Figure 2. Human GPR15-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE



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