

PRODUCT INFORMATION

ributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-ce-print-products-public.php on line 2806 Tag

Human NPY2R-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P49146 HEK293 **Expression Host**

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

Molecular Weigh The human full length NPY2R-Strep protein has a MW of 42.7 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 Jophilized 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.

Respond for neuropeoptide * and peptide Y. The rank order or affirmly of this cereptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY [IF 2]. In -34] PPY > [Leu-31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.

Research use of the second perturbation of the second perturb Storage & Shipping

Background

Conjugate Unconjugated

ELISA assay to evaluate NPY2R-Strep-Nanodisc 0.2µg Human NPY2R-Strep-Nanodisc per well

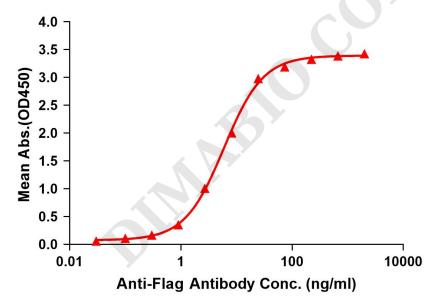


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag NPY2R-Strep-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with NPY2R-Strep-nanodisc is 5.980ng/ml.

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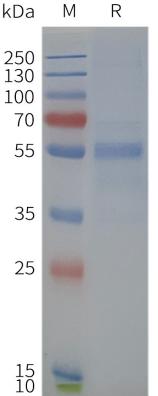


Figure 2. Human NPY2R-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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