

PRODUCT INFORMATION

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Human MC3R-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P41968 HEK293 **Expression Host**

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

The human full length MC3R-Strep protein has a MW of 36.0 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

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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 an inhabitent temperature control of the proteins of the store of the proteins are shipped at an inhabitent temperature. The proteins are shipped at an inhabitent temperature control of the proteins are shipped at an inhabitent temperature. The proteins are shipped at a shi

Conjugate Unconjugated

ELISA assay to evaluate MC3R-Strep-Nanodisc 0.2µg Human MC3R-Strep-Nanodisc per well

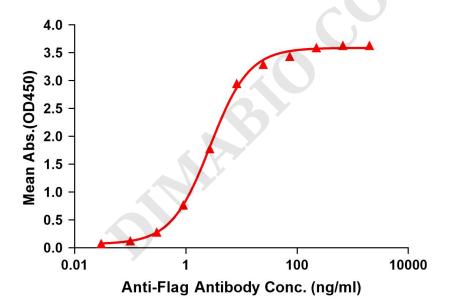


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag MC3R-Strep-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with MC3R-Strep-nanodisc is 2.743ng/ml.

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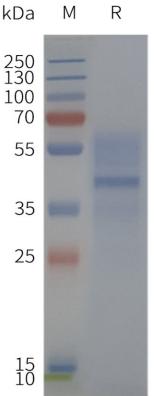
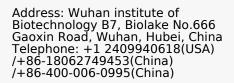


Figure 2. Human MC3R-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE



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