

PRODUCT INFORMATION

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

OT-R; OTR

Human OXYR full length protein-synthetic nanodisc

In Stock Delivery Uniprot ID P30559 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Calcium signaling pathway, Neuroactive ligand-receptor interaction

Molecular Weigh The human full length OXYR protein has a MW of 42.8 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

Storage & Shipping

Score at 20°C to 30°C for IZ months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid Score at -80°C to 30°C for IZ months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid The protein belongs to the G-protein coupled receptor family and acts as a receptor for oxytocin. Its activity is mediated by C proteins which activate a phosphatibility insolido-lacilum second messenger system. The oxytocin-oxytocin receptor system plays an important role in the uterus during parturition.

search use only Conjugate Unconjugated

Background

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

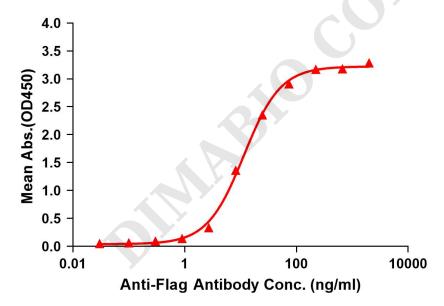


Figure 1. Elisa plates were pre-coated with Flag Tag OXYR-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with OXYR-Nanodisc is 11.52ng/ml.

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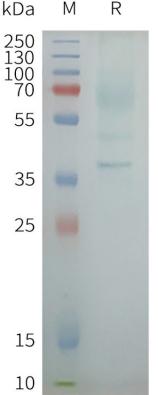


Figure 2. Human OXYR-Nanodisc, Flag Tag on SDS-PAGE



