

## **PRODUCT INFORMATION**

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimablo.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 C-Flag Tag

LMOR; M-OR-1; MOP; MOR; MOR1; OPRM1 Human OPRM full length protein-synthetic nanodisc

Delivery Uniprot ID P35372 HEK293 **Expression Host** 

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

The human full length OPRM protein has a MW of 44.8 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

Usage Conjugate Unconjugated

## **ELISA assay to evaluate OPRM-Nanodisc** 0.2µg Human OPRM-Nanodisc per well

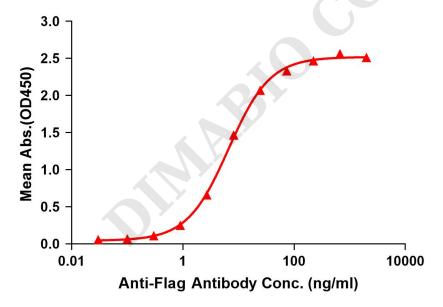


Figure 1. Elisa plates were pre-coated with Flag Tag OPRM-Nanodisc ( $0.2\mu g/per$  well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with OPRM-Nanodisc is 6.655ng/ml.







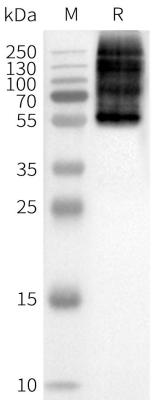


Figure 2. WB analysis of Human OPRM-Nanodisc with anti-Flag monoclonal antibody at 1/5000 dilution, followed by Goat Anti-Rabbit IgG HRP at 1/5000 dilution

