

PRODUCT INFORMATION

\$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-printcommerce-print-products-public.php on line 2806

AG2S; AGTR1B; AT1; AT1AR; AT1B; AT1BR; AT1R; AT2R1; HAT1R

Human MBP-AGTR1 full length protein-synthetic nanodisc Delivery

Uniprot ID P30556 HEK293 **Expression Host**

Background

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Calcium signaling pathway, Neuroactive ligand-receptor interaction, Renin-angiotensin system, Vascular smooth muscle contraction

Molecular Weigh

The human full length MBP-AGTR1 protein has a MW of 81.1 kDa Lyophilized from nanodics solubilization buffer (20 mM Tris-HCI, 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

Research use only Unconjugated

ELISA assay to evaluate MBP-AGTR1-Nanodisc 0.2µg Human MBP-AGTR1-Nanodisc per well

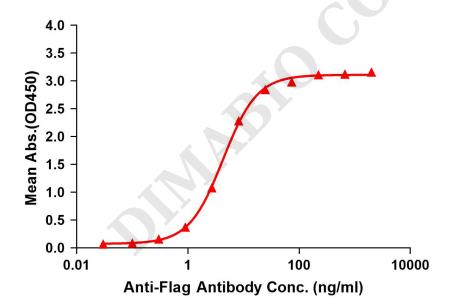


Figure 1. Elisa plates were pre-coated with N-MBP Tag, C-Flag Tag MBP-AGTR1-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with MBP-AGTR1-Nanodisc is 4.309ng/ml.



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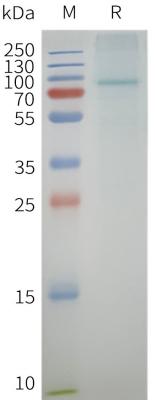


Figure 2. Human MBP-AGTR1-Nanodisc with N-MBP Tag, C-Flag Tag on SDS-PAGE



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