

## **PRODUCT INFORMATION**

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

A2aR; ADORA2; RDC8 Synonym

Human ADORA2A full length protein-synthetic nanodisc

Delivery Uniprot ID P29274 HEK293 **Expression Host** Protein Families GPCR

Background

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

Molecular Weigh The human full length ADORA2A protein has a MW of 44.7 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

Storage & Shipping

philization. Please see Certificate of Analysis for specific instructions of reconstitution. To rea at 20°C to a 90°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid peated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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Usage Research use only Unconjugated

## ELISA assay to evaluate ADORA2A-Nanodisc 0.2µg Human ADORA2A-Nanodisc per well

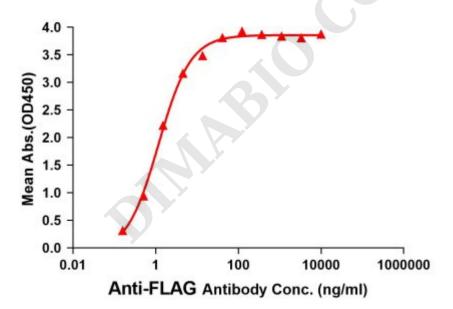


Figure 1. Elisa plates were pre-coated with Flag Tag AODRA2A-Nanodisc ( $0.2\mu g/per$  well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADORA2A-Nanodisc is 1.181 ng/ml.









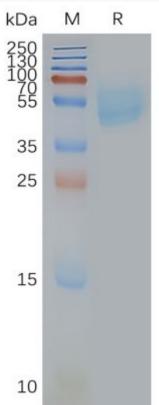


Figure 2. Human ADORA2A-Nanodisc, Flag Tag on SDS-PAGE



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