

PRODUCT INFORMATION

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

Human DRD5-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P21918 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Calcium signaling pathway, Neuroactive ligand-receptor interaction Molecular Weigh The human full length DRD5-Strep protein has a MW of 53.0 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 Storage & Shipping

syopimization. Please see Centricate or Analysis on Speciment instructions or 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 ambient temperature.

The DS subtype is a G-protein coupled receptor which stimulates adenyly cyclade. This receptor is expressed in neurons in the limbic regions of the brain. It has a 10-fold higher affinity for dopamine than the D1 subtype. Pseudogenes related to this gene reside on chromosomes 1 and 2. Background Research use only

Conjugate Unconjugated

ELISA assay to evaluate DRD5-Strep-Nanodisc 0.2µg Human DRD5-Strep-Nanodisc per well

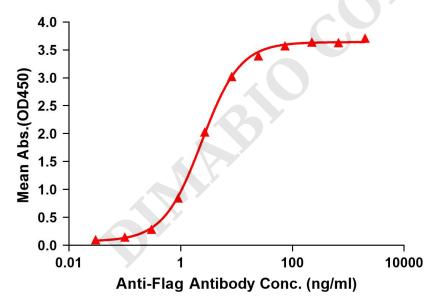


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag DRD5-Strep-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with DRD5-Strep-nanodisc is 2.386 ng/ml.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





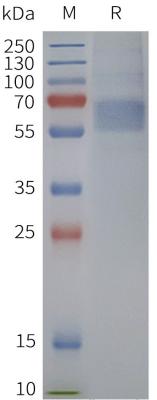


Figure 2. Human DRD5-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

